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SEED REPORTING SERVICE.

NORTHRUP, KING & CO.
SEEDSMEN
MINNEAPOLIS, MINN.

ANNUAL
CATALOGUE
1921
STERLING
SEEDS



Plan Your Garden Early

Give your garden some thought right now. Decide whether your requirements can better be filled by several small patches of vegetables or by two or three larger patches of such staples as onions, beans, beets, squash, melons, etc. If you expect to consume all your garden produces, a small-patch garden is advisable. Early varieties such as radishes, lettuce, snap beans can be sown as soon as the frost is out of the ground and a succession of plantings provides these delicious vegetables until midsummer or later. Or these first crops can be replaced by beets, carrots, turnips, etc. A definite, early garden plan enables you to make the most of your land and enjoy your favorite vegetables for a greater part of the season.

Make Your Seed Selection While Stocks are Complete

Another advantage in early planning is that it enables you to select your seeds early before the big spring rush is on. While we aim to keep our seed stocks as complete as possible all through the planting season, it frequently happens that certain varieties are exhausted quite early.

We Specialize in the Famous Northrup, King & Co.'s Seeds Which Have A 36 Year Reputation For Fine Quality

In buying seeds there is nothing which gives you such confidence in the results you hope for as the reputation back of the seeds. It takes just as much labor and fertilizer to garden or farm with poor seeds as with good seeds and the results are far different. Good seeds costs so little more than those of unknown or inferior quality that good gardeners or farmers never hesitate in buying the best obtainable. That's why we handle Northrup, King & Co.'s Seeds. They can be depended on for satisfactory yields of the best quality. They make permanent customers for our store.



Three Reliable Brands of FIELD AND GRASS SEEDS AND SEED GRAINS

Disclaimer

As seeds, plants and bulbs are subject to climatic and other conditions over which we have no control, after once being placed in the ground, therefore, we give no warranty, express or implied, as to description, quality, productivity or any other matter of any seeds, plants or bulbs we send out, and we will not be in any way responsible for the crop, and every order for articles named in this catalogue will be executed on these conditions only. If the purchaser does not accept same on these terms, they are to be returned at once.

Vegetable Seeds 1921

Prices: On account of the unsettled condition of the seed market at the time this book went to press, it was impossible to list prices after each variety. All standard size packets of Sterling Vegetable Seeds are 5c and, with few exceptions, standard Flower Seed Packets are the same. On Bulk Garden Seeds it is our aim to quote prices as low as possible consistent with highest quality. Call on us at our store for your entire gardening needs.

ASPARAGUS

A large variety having bright green shoots, sometimes tinged with purple at the top. Very tender and of fine flavor.

BEANS

Currie's Rust Proof Black Wax. A very early, beautiful, wax bean, bearing an abundance of crisp, tender, stringless pods, free from rust. Of excellent quality, delicious flavor. Seed kidney-shaped.

Improved Prolific Black Wax. Vines medium sized, very vigorous and hardy. Pods medium length, curved, cylindrical, fleshy and of a clear yellowish white. Seed small and black.

Improved Golden Wax. The plants are hardy and bear an abundance of straight, broad, flat pods. Seed white, with brown or black markings near the eye.

Black Valentine. Pods are long, round and straight, green, very attractive in appearance and of good quality.

Extra Early Red Valentine. (Round Pod). Vine erect; pods, green, medium length; curved, cylindrical, with crease in back, very fleshy, crisp and tender; seed long, of medium size.

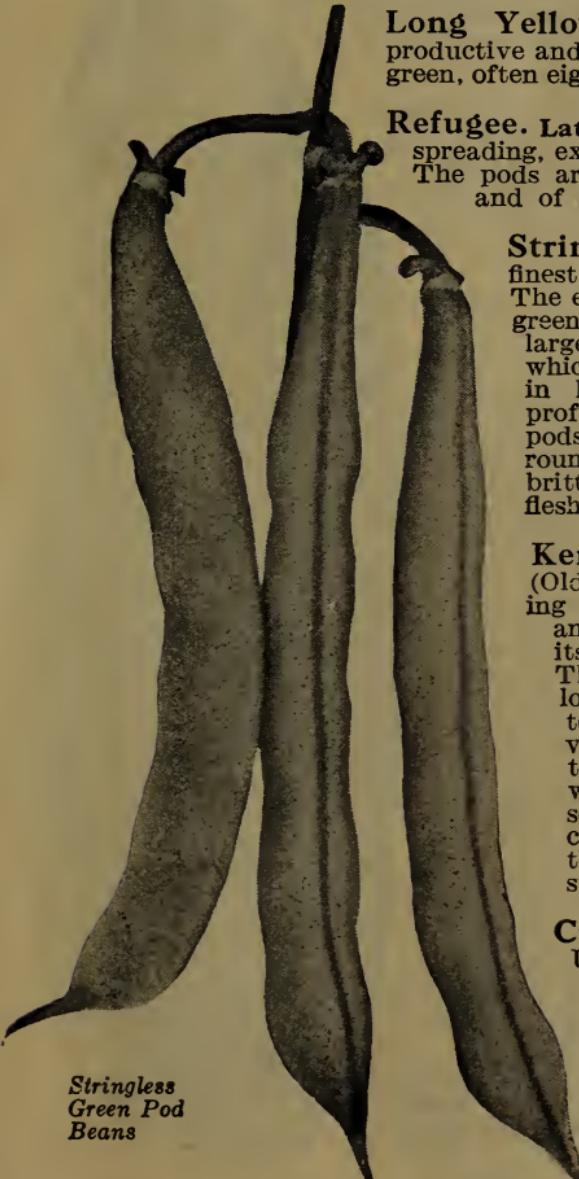
Long Yellow Six Weeks. Early, productive and of excellent quality; pods, green, often eight inches long.

Refugee. Late or 1000 to 1. Vine large, spreading, exceedingly hardy, very late. The pods are long, cylindrical, green and of good quality.

Stringless Green Pod. The finest green pod, stringless bean. The earliest and hardiest of all green-podded sorts and produces large, handsome pods, some of which measure fully six inches in length. The plants bear profusely the beautiful green pods, which are perfectly round, straight, broad, tender, brittle, finest flavor, very fleshy and entirely stringless.

Kentucky Wonder Pole. (Old Homestead.) This climbing variety is very vigorous and productive and bears its pods in large clusters. The pods are green, very long, often being nine or ten inches, nearly round, very crisp, and so fleshy that they are greater in width than breadth. The seed is long, oval, dun-colored. Very early, and the best to use in the green state.

Cut Short or Corn Hill
Used largely in the South where it is planted among corn rows. Green podded, climbing. Poles not necessary. Short snap pods, fleshy and of good quality.



Stringless
Green Pod
Beans

Vegetable Seeds 1921

BEANS

Golden Pod Kentucky Wax. A pole variety, very similar to the preceding, but pods are broader. They are fleshy and stringless, pods very long. Being early and hardy, it is adapted to the North.

Scarlet Runner. Ornamental and useful. The vine is graceful; flowers are of a brilliant scarlet, and the beans are of excellent quality.

Burpee's Bush Lima. The bushes are 18 to 20 inches high, of stout, erect growth, branch freely, forming large circular plants from two to three feet in diameter. Very prolific, bearing large, beautiful pods well filled with large beans of the same size and delicious flavor as the pole variety.



Improved Tree. This is without question the heaviest yielding bean known.

It is not a garden variety, but belongs to the class of field beans, the seed of which resembles the well known "Navy" bean. On account of its snowy whiteness and its uniformly small size, the Improved Tree Bean commands the highest price in all markets. The plants grow upright and bear the pods well up from the ground, thus keeping them away from the soil and making them more easily gathered. Thirty pounds of Improved Tree Beans will plant an acre.

Choice Navy. Our stock of this well known variety has been carefully selected and cleaned and will be found far superior to beans commonly offered as "Navy Stock."

Tennessee Green Pod. Popular in the south. Vigorous, hardy and productive. Pods large, 6 to 7 inches long, flat, dark green exceptionally fine flavor.

White Dutch Caseknife Seed is broad kidney shaped, flat, clear white and of excellent quality used either green or dry. A green podded kidney bean which may be used for a corn hill sort. Long, flat, green pods may be used for snaps when quite young.

Cultivation. Next in importance to pure seed is the selection of the soil in which beans are to grow. It is true that beans thrive on most all soils but greater results are gained by the liberal use of fertilizer or planting in light, rich, well drained loam. Beans are extremely sensitive to frost and moisture. It is useless to plant them before all danger of frost is past and the ground is warm. Sow the seed in drills two to three feet apart and four to eight inches apart in the row. They should be frequently cultivated up to the time of blossoming, but this should never be done when the ground or plants are wet with rain or dew, as it will be sure to injure them. If disturbed while in bloom, it will prevent their setting well.

Plant bush beans 2 inches deep in drills 24 to 30 inches apart, placing the seed 3 inches apart, or 4 seeds in hills 24 inches apart.

Good Seeds for Good Gardens

Since your labor in a garden is the big item of expense and the cost of seeds the smallest item, it is very important that the best of seeds obtainable be sown. Why gamble with seeds of unknown quality when you can buy Northrup, King & Co.'s Seeds from us—the seeds with 37 years reputation for good yields of best quality.

Burpee's
Bush
Lima
Beans



Vegetable Seeds 1921

BEETS

Sterling. As early as Eclipse, perfectly globe-shaped, with a single tap root, and of the richest color of any of the beets.

It is a splendid keeper, is not excelled in yielding qualities by any other sort, is exceedingly tender, fine and sweet and is unequaled for table use.

Detroit Dark Red. Roots globular; smooth with small tops, skin blood red; flesh dark red, zoned with a lighter shade; tender and sweet.



Sterling
Beet

Early Blood Turnip. Roots turnip shaped, deep crimson, tender and sweet.

Early Model. A splendid variety for table use. Medium early in maturity. The roots are of nice size and grow uniformly perfect, nearly globe-shaped with a slim, smooth tap-root. The color and quality are excellent, flesh being tender, sweet, rich deep crimson and fine flavor.

Eclipse. Makes rapid growth, top small, quality fine, larger than Egyptian, but not as deep a red in color.

Edmand's Improved Blood Turnip.

A handsome, clean, turnip-shaped blood beet. Skin and flesh are of a deep blood red, sweet and tender in quality, and unsurpassed for solidity and keeping purposes. Tops are small, allowing them to be grown close together. They mature early and give satisfaction as a bunching sort.

Extra Early Egyptian. The earliest, turnip shaped, small, symmetrical, deep blood color.

Improved Long Blood. One of the best and most popular table beets, especially for autumn and winter use.

Swiss Chard or Spinach Beet. This variety does not produce an edible root like the regular garden beet, but is highly esteemed for the broad, white leaf stalks and midribs which are cooked and served in the same manner as asparagus, making a most delicious vegetable. The leaves are also cooked like spinach and considered equally as palatable.

Giant Lucullus Swiss Chard. Best variety of Swiss Chard. Seed sown early in the Spring will produce plants quickly, bearing thick, light colored midribs and leaves of splendid quality.

MANGEL WURZEL

Improved Mammoth Long Red. The roots are very large, uniformly straight and well formed. Color deep red, roots solid, tops small. Roots attain a large size. Produces an immense bulk and tonnage.

Mammoth Improved Golden Tankard. *Long Red Mangel* We recommend it as the best Mangel by far for dairy farmers. It combines apparently all the fine points possible to condense into a Mangel. The color is a deep rich yellow. The flesh is firm and solid and a rich golden yellow in color. On account of its shape, enormous crops are grown. It is easily lifted from the ground.

Vegetable Seeds 1921

SUGAR BEETS

Giant Feeding Sugar Beet or Half Sugar White Mangel.

This magnificent Sugar Beet while giving nearly as large a yield of easily grown and harvested roots as a crop of Mangels, supplies a food of very much higher nutritive value, the roots for feeding purposes being really more valuable, pound for pound, than those of the very best strains of Sugar Beets and the yield under equally favorable conditions being more than double. The roots grow partly out of the ground and because of this and their shape the crop can be harvested and stored at less expense than any other root crop. We are certain that every one who plants this variety and grows it with care will be much pleased with the crop.

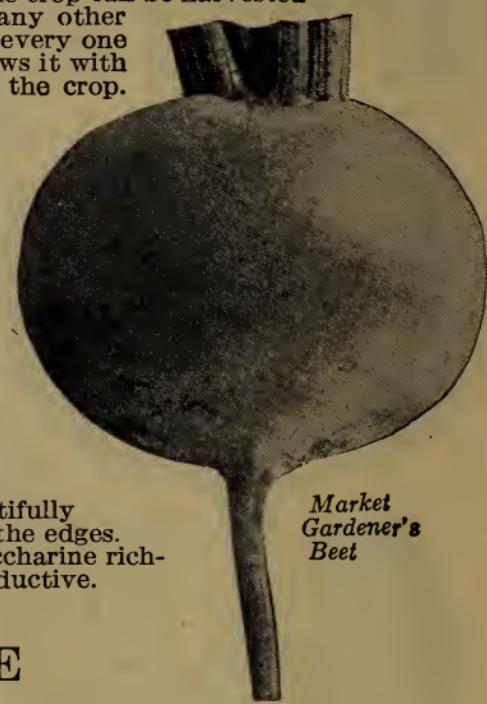


Royal Giant Sugar Beet or Half Sugar Rose Mangel.

Very similar to the above except in color. Skin is bright rose above ground and white below. Flesh white sometimes tinged with rose.

White American Sugar.

This variety at the present time has probably a wider cultivation than any other Sugar Beet. It may be distinguished by its brighter color and its lighter colored leaves, which are beautifully undulating and scalloped about the edges. While not, as a rule, equal in saccharine richness, it is considerably more productive.



CABBAGE

Succession.

About a week later than Early Summer, but much larger, measuring about twelve inches in diameter and weighing about ten to twelve pounds each. Heads are hard and solid and of fine quality. Fine for either winter or summer use. One of the surest varieties to make a crop under all conditions.

Early Jersey Wakefield.

Heads are very hard, compact, solid conical in shape. Few outside leaves. We do not admit that our stock has any superior, except Northrup, King & Co.'s Washington Wakefield Cabbage.

Early York.

A very early variety. Heads, small, heartshaped, firm and tender. May be planted 15 to 18 inches apart.

Red Pickling.

Earlier than Rock Red, but not quite so large. The heads are hard, keep well and are of excellent quality. In color they are deep blood red and are considered fine for pickling.

Premium Large Drumhead.

Grows a very large, solid head often reaching a weight of twenty to thirty pounds. There is little outer foliage, the leaves all folding in closely about the head. A fine winter variety.

Early Dwarf Flat Dutch.

Second early, short stemmed, compact, with few and short leaves. Heads, large, nearly round, flattened, close, firm and very solid.

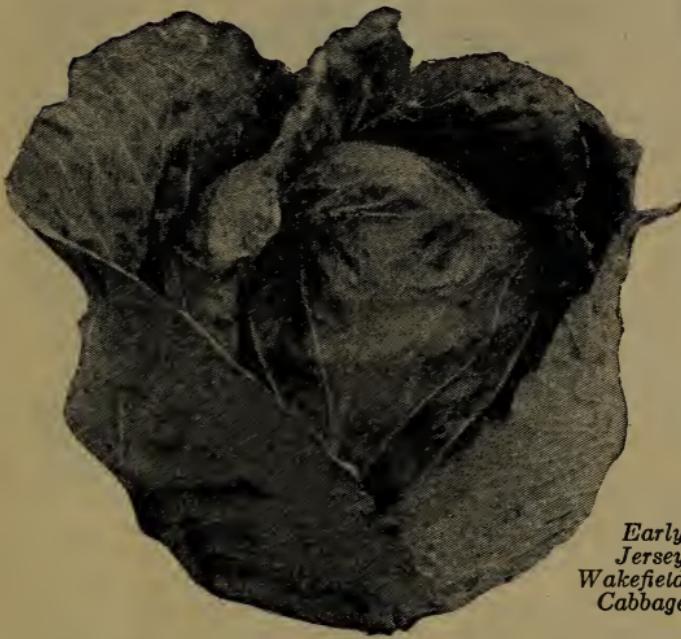


Vegetable Seeds 1921

CABBAGE

Washington Wakefield. No other cabbage of which we have knowledge has aroused such enthusiasm among cabbage growers as has Washington Wakefield. It has

the same general characteristics of other Wakefield cabbages, the heads being conical with a rounded or blunt point. It is however, far superior to other strains of Wakefield cabbage, being nearly double the size and of better quality, and at the same time is fully as early. It has fewer outer leaves, permitting close planting, so that more heads can be grown to the acre than with other sorts.



All Seasons. A little later than Early Summer, but very much larger, about double the size, one of the most useful and profitable cabbages to grow. It does well at all seasons and is a very sure cropper. Heads are dark blue and being tender and fine keeping, are excellent for fall and winter use as well as during summer.



Early Summer. Forms large, solid, round, flattened, compact heads of excellent quality, tender and sweet. The heads average eight to ten pounds each.

Early Winnigstadt. Very early. The leaves are dark green and tightly folded, making it the hardest of early varieties. It seems to suffer less from cabbage worm than most sorts. Heads are regular, conical, and keep well.

Holland. Most remarkable late cabbage yet produced, heads hard and solid—fine grained and tender. Entirely distinct in color. Very finest short stemmed type. The heads which are very solid and deep are of medium size, averaging about 8 lbs. in weight; in color they are entirely distinct; in point of quality they have no superior and they keep better than any other sort, heads being as solid and perfect when taken up in the spring as when put away in the fall.

Holland Cabbage



Surehead.

Heads are large, round, flattened, uniform, very hard, firm and sweet, and average from ten to fifteen pounds each. Certain to head, a good shipper and a fine keeper.

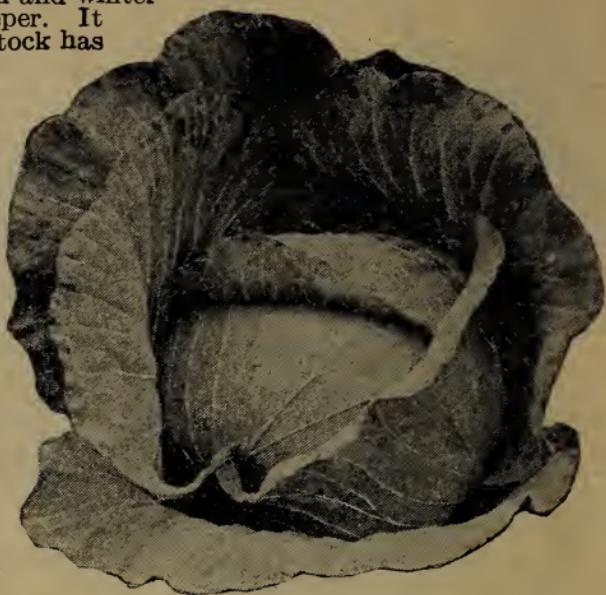
Vegetable Seeds 1921

CABBAGE

Premium Late Flat Dutch. A low growing variety, heads large, bluish green, round, solid, broad and flat on top; an excellent fall and winter variety, and a good keeper. It is a sure header. Our stock has been grown from carefully selected heads, and we consider it superior to any other strain of Flat Dutch Cabbage on the market.

Rock Red. The best, largest and surest heading red cabbage. Used mostly for pickling. The plant is large, with several spreading leaves. The head is large, round, very solid and of deep red color, averaging from ten to twelve pounds in weight.

*Allhead Early
Cabbage*



Allhead Early. Earlier than any other large cabbage, larger than any other early cabbage. Heads deep, flat, solid, uniform and very tender. An all-the-year-round cabbage.

Improved American Drumhead Savoy. Plant is vigorous with short stem, has densely crumpled leaves and when touched by frost is sweet, delicate and delicious. The head is large and very solid.

Danish Ballhead. This winter variety is especially desired on account of its great solidity and its keeping qualities. The heads are crisp, tender and sweet and unsurpassed for boiling, slaw, sauerkraut, etc. It grows well on all soils and under most conditions, withstanding hot, dry weather, and does not rot in wet seasons.

Copenhagen Market. The finest, large, round-headed, early cabbage. It is desirable because of the uniform maturity, permitting the grower to gather and market the crop at least expense. Heads average about ten pounds each, are hard and solid with small core. The quality is extra fine and sweet.

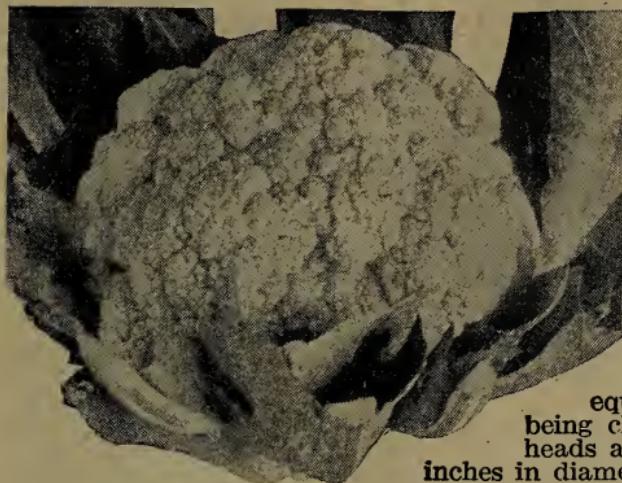
Danish Round-head. An earlier, shorter stemmed improved strain of the Danish Ballhead Cabbage. The heads are hard and very solid and mature about two weeks in advance of the Ballhead. They also average a little larger and heavier. The inner leaves are blanched almost pure white, are of sweet flavor, crisp and tender. It is less liable to blight and shows vigorous growth even in the hot summer.

*Copenhagen
Market Cabbage*



Vegetable Seeds 1921

CAULIFLOWER



Model Cauliflower

Model. In competition with all other strains the Model Cauliflower has won the approval of critical gardeners, being the earliest and best sort grown. It is suitable not only for early use, but is superior for late planting. The heads are hard and solid and do not spread. No other

equals it in purity of color, being clear snow white. The heads are large—from 9 to 12 inches in diameter and weigh from 4 to 8 pounds. On account of its close growing, compact habit many more plants may be grown on a given area than of the late spreading sorts.

Snowball. Forms snow white heads six to ten inches in diameter, of good quality. Its close growing habit permits more heads to a given area than the later maturing sorts. Excellent for both early and late planting.

CARROT



Chantenay. The flesh is of a beautiful, rich orange color and of the finest quality; it is medium early, with small tops. Roots taper slightly, but are uniformly stump rooted. Gives great satisfaction in both the market and private garden.

Improved Danvers Half Long. This popular carrot, while not as "stump rooted" as the Chantenay, has a root which comes to a blunt point, a very beautiful carrot. A first-class carrot for all soils. The root is of a rich, dark orange color and grows very smooth and handsome.

Oxheart or Guerande. This carrot is intermediate as to length between the half-long varieties (such as Danvers) and the Scarlet Horn Carrots, but is much thicker than the latter, being at the top from four to five inches in diameter. Flesh bright orange, fine grained and sweet.

Mastodon Carrot. (For Feeding Stock.) Mastodon Carrot is not a table carrot, although the flesh is remarkably firm and sweet. It is not a carrot for the market gardener, but it is emphatically the carrot for the farmer, and once used, nothing else will take its place. Mastodon Carrot is the heaviest cropping carrot grown. The flesh is white, crisp and solid and very sweet in flavor. The roots are short and very heavy at the shoulder, rendering them easily harvested. Too much can scarcely be said of their size and great productiveness. The roots frequently measure 15 to 20 inches in circumference, and 18 to 40 tons to the acre is not an extravagant statement as to yield.

*Chantenay
Carrot*



Improved Long Orange. A well known standard sort; roots long, thickest near the crown, tapering regularly to a point; color deep orange, suitable for the table and main field crop.

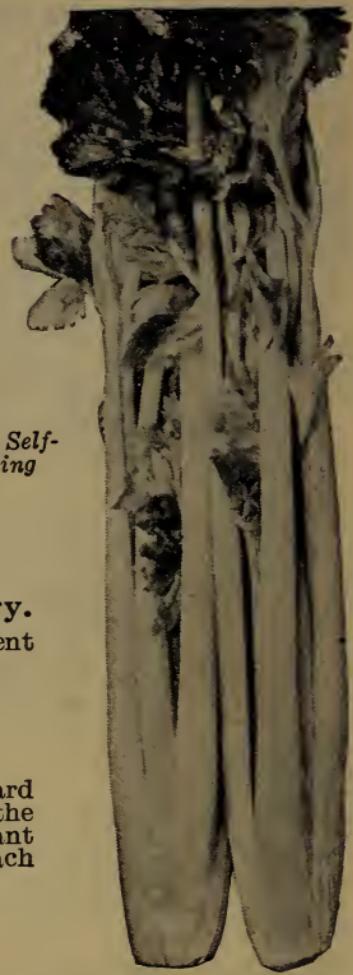
Vegetable Seeds 1921

CELERY

Golden Self-Blanching. This splendid variety is without doubt the most popular celery grown. It is a self blanching sort, for with a little banking or covering, even the outer ribs assume a beautiful golden yellow, while the heart or vine stalks are deliciously tender, brittle and sweet. This variety is being extensively grown, not only on account of its ease of culture, but for its superior quality. It is not quite so early as the White Plume but is of heavier and more compact growth, the stalks being thick, crisp and brittle. The hearts are large and solid, blanching a beautiful waxen yellow. It is tender and sweet and free from stringiness. Its flavor is rich and delightful.

White Plume. The earliest celery. This is a well known variety. Popular on account of its earliness and the ease of its culture.

*Golden Self-
Blanching
Celery*



Celeriac. Turnip Rooted Celery.
Large Smooth. Large, smooth, excellent flavor.

COLLARDS

Georgia or Southern. The standard variety of Collards, planted all over the South. Sow seed as for cabbage. Transplant when a month old in rows a foot apart each way and hoe often.

SWEET CORN

Peep o'Day. Peep o'Day Sweet Corn is one of the best early varieties grown. It is ten days to two weeks earlier than most other varieties and is not only early, but sweet and luscious. It is especially desirable for planting in regions of early frosts and short summers.

*Golden
Bantam
Sweet Corn*



Early Minnesota. A standard early sort of excellent quality, especially desirable where seasons are short. The ears bear 8 to 10 rows of large white grains. This variety is popular on account of its great productiveness. Excellent for market, home and canning use.

Extra Early White Cory. One of the earliest varieties, well and favorably known in all parts of the country. It succeeds well where the seasons are short, and can be recommended for general planting. Ears six inches long with eight rows of broad grains.

Golden Bantam. This variety is nearly as early as Peep o'Day, and is, we consider, the richest in flavor of all varieties. The kernels are large and creamy yellow. Those who try it will always demand "the yellow corn that was so sweet and rich in flavor." It is very hardy and productive. 5 to 10 cents per dozen premium may be obtained over the market price for other sorts. Include Golden Bantam in your order.

Early Evergreen. This fine variety is ten to twelve days earlier than Stowell's Evergreen and yields large, handsome, ten or twelve-rowed ears.

Vegetable Seeds 1921

SWEET CORN

Stowell's Evergreen. The best known and most largely planted of all the varieties. We are free to confess that Zig Zag Evergreen possesses all of the good qualities which have made the Stowell's strain so popular. At the same time, the Stowell's Evergreen is hard to beat and for a long time to come many will have it in preference to any other sort. This corn is distinguished by the large ear, the long, deep kernels, its rich, sugary flavor and its long keeping qualities. Seed has been selected for its sweetness, productiveness, and large size.

Country Gentleman. This variety is often called the "shoe peg" corn, owing to the arrangement of the crowded kernels which are long and very sweet. It is far ahead in flavor of any of the late varieties. It remains tender and fit for use longer than most sorts, as the ear is enclosed in a thick husk which keeps it "in the milk." The ears average nine inches in length and are borne from two to five and sometimes six on each stalk. The cob is small and very closely packed from tip to butt with slender, pure white kernels of the finest quality. If you try this variety you will like it.

*Stowell's
Evergreen
Sweet Corn*

Improved Black Mexican. This variety has for a number of years had the reputation of being the sweetest of all sweet corn. When cooked, the ear is white with a bluish tinge towards the base of the kernel, but when dried the appearance of the seed is so entirely distinct from any other corn as to be always remembered, the kernels being of a deep bluish black. Every year we have a number of inquiries from those who have known this corn, but who have forgotten its name and remember it only as the "black corn that was so very sweet." The steadfast remembrance and desire for this corn has induced us to offer Improved Black Mexican. It must still rank as a late variety, but as it now matures nicely in Minnesota, it may be safely grown in almost any part of the United States.

Early Crosby. A standard sort deservedly prized by thousands of planters as one of the sweetest of varieties. The kernels are very closely set. This strain is superior to any variety of Sweet Corn grown for canning purposes in the state of Minnesota.

Mammoth White Cory. Similar to Early Cory, quite as early. The kernels, however, are somewhat broader and the ears average somewhat larger in size.

CUCUMBER

Northrup, King & Co.'s Pickling. (Sold only in sealed packages.) It would be difficult to "make to order" a better pickling cucumber than this. Fruit is medium length, pointed at each end; color deep green. It is very productive. Flesh, crisp and tender, and covered with spines. The best sort for those who like a crisp, tender pickle.

*Improved
Black Mexican
Sweet Corn*

Boston Pickling. Very productive, grown largely for pickles. Fruit medium sized, very smooth, bright green.

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CUCUMBER

Sterling. Will be found to possess the following points of superiority.

First. It is the earliest white spine cucumber, suitable for table, market or shipping purposes, under all conditions of culture, whether under glass or in the open ground.

Second. It is one of the greatest producers of all varieties; and at all stages of growth is the handsomest and most attractive of all American sorts.

Third. It is of a very deep green color, which it retains during a much longer period of growth than any other variety, while in symmetry of form it is so regular, so uniformly one like the other as to create comment wherever it is seen.

Fourth. The quality is superb, being exceedingly brittle and crisp. The flavor is delicate and entirely devoid of the bitter taste so frequently noticed in other varieties.

Fifth. As a shipping cucumber, the "Sterling" cannot be surpassed, as it holds up in color and quality better than any other variety.



Country Gentleman Sweet Corn

Chicago or Westerfield Pickling. Fine for market gardeners. Medium length, pointed at each end; has large spines, deep green, very prolific. Good for pickling.

Cool and Crisp. A strain of white spine similar to the Arlington but larger. Fruit long, cylindrical, dark green. Fine for table use.

Davis Perfect. A carefully selected strain of Extra Long White Spine, suitable for both greenhouse and outdoor culture. The fruits are of large size, splendid quality and fine color. The flesh is tender, brittle and of excellent flavor. A favorite for market use.

Early Frame or Short Green. Used for table and pickling. Very productive. Fruit straight, bright green.

Extra Long White Spine. An extra fine variety for either greenhouse or open ground. It grows to a large size in a very short time and commands fancy prices on account of its fine form and appearance.

Improved Arlington White Spine. The fruit is uniform in size and shape, averaging 7 to 8 inches long. Color dark green, quality excellent and contains but few seeds.

White Spine Evergreen. A fine strain, bearing blue green fruit, often from 10 to 12 inches in length, smooth, round and of fine quality. Especially recommended for hot-bed culture. The seed offered has been taken from fruit selected for its ideal form, uniformity in size, shape and color and general appearance. A very satisfactory variety in every way.

*Sterling
Cucumber*



One oz. sows 60 hills; 2 to 3 lbs. per acre.

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New
York
Spine-
less
Egg
Plant



CUCUMBER

Long Green. Produces dark-green fruit from 10 to 14 inches long. Flesh solid, crisp and of fine quality. Fine for slicing and pickling.

EGG PLANT

Improved New York Spineless. The handsomest type and most perfect strain of Egg Plant in existence. The plants are stocky and low branching, stalks entirely free from spines, and produce continually handsome, deep purple fruits of largest size and most perfect symmetry. The plants usually bear eight to ten immense fruits of the finest quality before being killed by frosts.

ENDIVE

Green Curled. Leaves finely cut.

HERBS

Dill. Seeds have an aromatic flavor and pungent taste.

Sweet Marjoram. Leaves used for seasoning.

Sage. An indispensable herb for seasoning.

Thyme. Leaves and young shoots used for seasoning. A tea is made of the leaves; A remedy for headache.

KALE OR BORECOLE

Dwarf Curled Scotch. This is more hardy than cabbage and makes excellent greens for winter and spring use. The leaves are curly, bright green, very tender and delicate in flavor.

Tall Green Curled Scotch. Grows up to three feet high, bearing long, light green leaves, finely curled at the edges. Extremely hardy, being improved, rather than injured by a moderately heavy frost.



KOHL RABI

Early White. For Forcing. Very, early small, handsome, white bulb. Best early variety for the table.

LEEK

Large American Flag. or "Broad London." A large growing variety.

MUSTARD

Southern Giant Curled
Used largely for salad, especially in the South.

Large Smooth Leaf. A popular variety with large, light green, nearly smooth leaves. Upright plant, grows quickly. Easily prepared for the table. Used when young, for salad, or later for greens.

Vegetable Seeds 1921

LETTUCE

Sterling. This grand lettuce delights all who grow it. Sterling Lettuce comes under the "crisp heading" class. The outer leaves are of a beautiful green, changing toward the center of the head to a rich golden yellow. In flavor it is extraordinarily sweet and crisp, and is of such beautiful appearance and superior quality as to cause universal remark.

Big Boston. A large heading, forcing sort, very hardy and vigorous, with broad, comparatively smooth, thin and very hard, bright green leaves. Quite tender. Indoors this forms a solid head, while outside it is less distinctively a heading sort.

Black Seeded Simpson. One of the best, either for forcing under glass or for open ground culture. It forms large, thin, loose leaves of light green color, very tender, crisp and of fine quality. A fine sort for summer.

Black Seeded Tennis Ball. One of the best for forcing or early outdoor planting. Plants medium size, having thick, dark green leaves. When grown, forms solid heads which are crisp and tender.

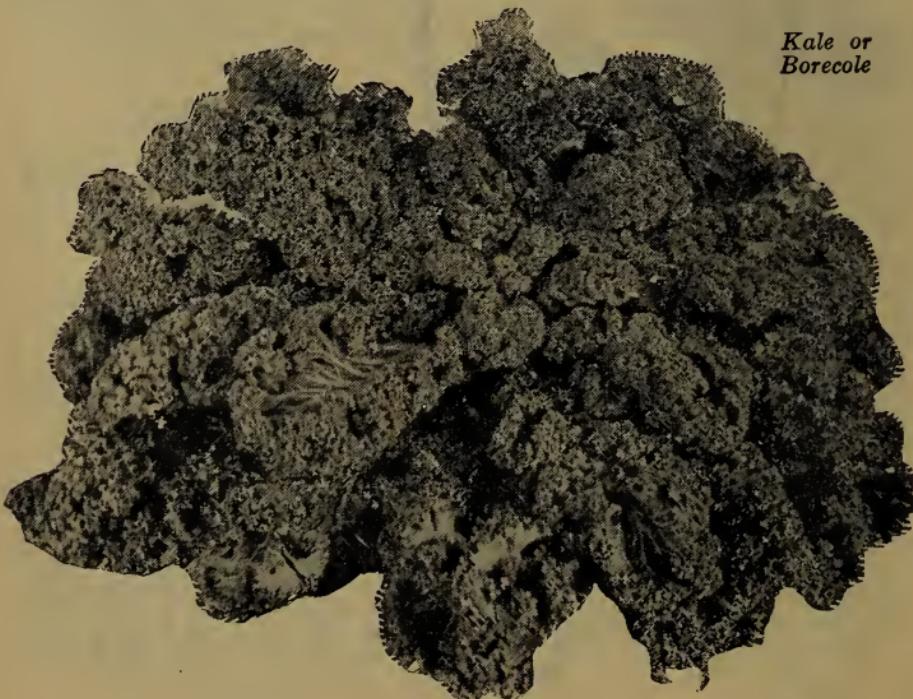
Crisp as Ice. The heads are large and very solid. When cut open they have a rich creamy heart and are so tender and brittle as to warrant the name, "Crisp as Ice."

Early Curled Simpson. A popular sort, free from bitterness; forms large, loose heads.

Grand Rapids. The most popular variety for greenhouse planting. It is of handsome appearance, a strong grower and not subject to rot.

Improved Hanson Head. In all respects one of the very best out-door varieties. It is very hardy and will stand extremes of weather better, perhaps, than any other of the "crisp heading" sorts. In color it is of an attractive green. The head, which attains a large size, is hard, tender and crisp, with a blanched appearance in the center. It is of capital table quality, wholly free from bitterness.

May King. An unequaled variety for early spring planting in the open ground. It is extremely hardy and very quick growing. The plants grow six to seven inches in diameter, with the outer leaves folded closely, forming the plant into a solid head. The outer leaves are light green, slightly tinged with brown; the inner leaves are bright yellow and of a fine, rich, buttery flavor. Each head will weigh nearly a pound on the average.

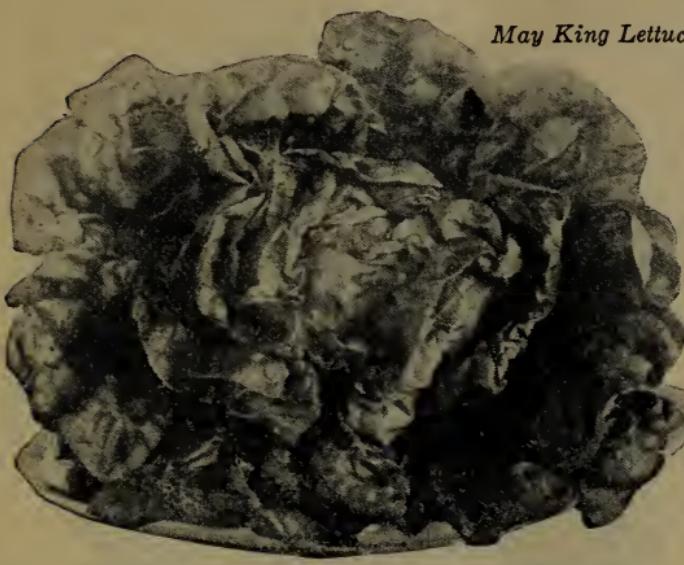


Kale or
Borecole

Vegetable Seeds 1921

LETTUCE

May King Lettuce



Salamander. Forms large, solid heads of thick, smooth, very tender leaves of the finest quality. The leaves are broad, thick, somewhat crumpled and closely overlapping so that the inner ones are very finely blanched. It withstands hot weather remarkably well and can be planted any time during the summer.

New York or Wonderful. Produces immense heads, solid as a cabbage. The heart blanches beautifully, being crisp, tender and delicious. Outer color is a distinct apple-green. A desirable standard summer lettuce.

Prizehead. A large, loose headed, thin leaved sort. The very large leaves are crimped, bright green, tinged on the edges with reddish brown and are crisp and sweet.

Paris White Cos. A distinct variety, having large, compact heads, that blanch mild and crisp. The plants are of erect growth, as illustrated.

Lettuce Culture

Sow in the house or in frames any time after March 10th; if put outdoors, as early in the Spring as ground can be worked and at intervals of two weeks until June 1st. Soil should be a rich sandy loam with plenty of humus. Rows to be $1\frac{1}{2}$ feet apart, plants two inches apart in row after thinning. Two ounces of seed will sow 150 feet of row, 4 to 5 lbs. required per acre. With Head Lettuce, transplant as soon as the plants begin to crowd.

Grand Rapids Lettuce



Vegetable Seeds 1921

MUSKMELON

Yellow Meated

Japan. This is by far the finest, most luscious and pleasing muskmelon grown. The vines are hardy, permitting earlier planting, very prolific, and produce very large fruits, nearly as early as the smaller varieties. The melons are nearly round, not deeply ribbed and covered with patches of netting. The skin is yellowish white when ripe. The crowning feature of this melon is found in the thick, melting and delicious salmon-colored flesh. It is extremely rich, sweet and highly flavored.



Crisp as Ice Lettuce

Extra Early Hackensack. Fruit weighs four to six pounds each. The melons are round, heavily ribbed; skin is green and thickly netted; flesh is light green, of delicious flavor, rich and sugary. The earliest of all large netted melons.

Extra Early Citron or Early Nutmeg. Fruits are round, 6 to 8 inches in diameter, ribbed and netted. Flesh is thick and pale green in color, very sweet.

Early Netted Gem.

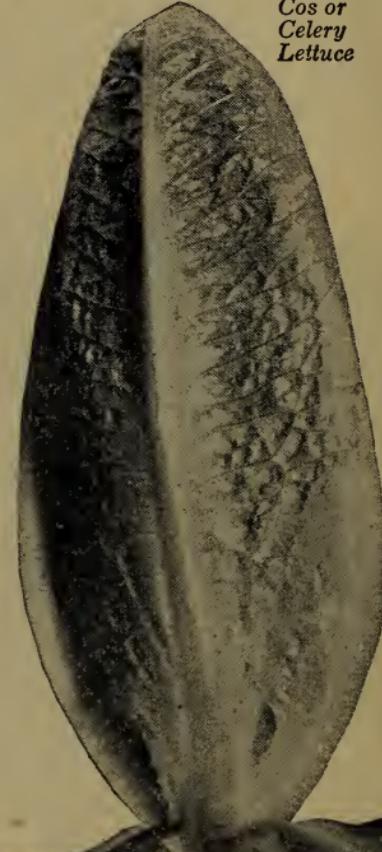
Slightly oval in form; finely netted, being a light golden hue when fully ripened. Flesh light green in color, melting and luscious in flavor, ripens close to the skin.

Romaine,
Cos or
Celery
Lettuce



Osage or Miller's Cream.

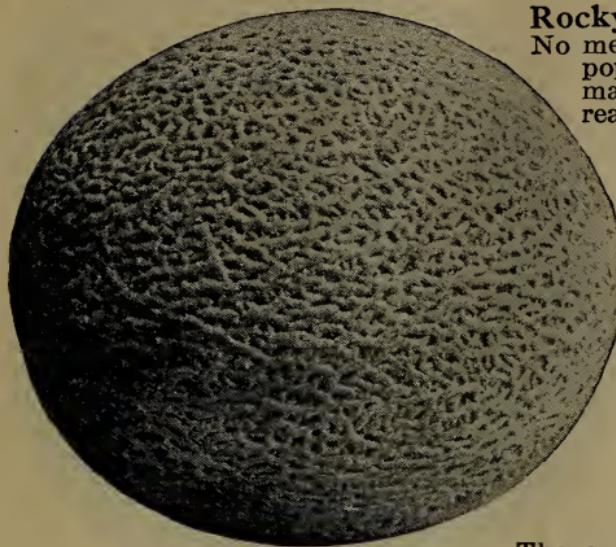
Fruit medium sized, oval, slightly ribbed, dark green in color, banded with lighter streaks, covered more or less with shallow netting. The flesh is deep salmon color and very thick, there being but a slight cavity in the center of even the largest fruit, and of exceptionally fine quality.



Paul Rose or Petoskey. Fruit oval, about five inches in diameter, shape and general appearance similar to the Netted Gem, of a light green or faint golden hue when fully ripe. Firm flesh; a rich orange red like the Osage, but even sweeter and higher flavored; ripens close down to the rind, with small seed cavity.

Vegetable Seeds 1921

MUSKMELON



Rocky Ford Cantaloupe

Rocky Ford Cantaloupe

No melon has ever been so popular in the large city markets and has sold so readily at such high prices as the Rocky Ford. The vines are exceedingly healthy and vigorous, bearing an abundant supply of fruit during the entire season. The melon when ripe should have a silver colored lace-like veiling, making it very attractive in appearance. The green flesh is very deep, very solid, yet so sweet and melting as to be eaten close to the rind. The seed cavity is very small.

The average weight is about one and a half pounds.

WATERMELON

Gypsy or Georgia Rattlesnake. A variety very popular with home gardeners and shippers. Adapted especially to the South. Long fruit, light green striped dark green. Flesh scarlet with white seeds. Tender and sweet.

Kolb's Gem. Very large, slightly oval, striped with light and dark green. Rind very hard and firm. Flesh bright red, solid, coarse grained, but tender and sweet.

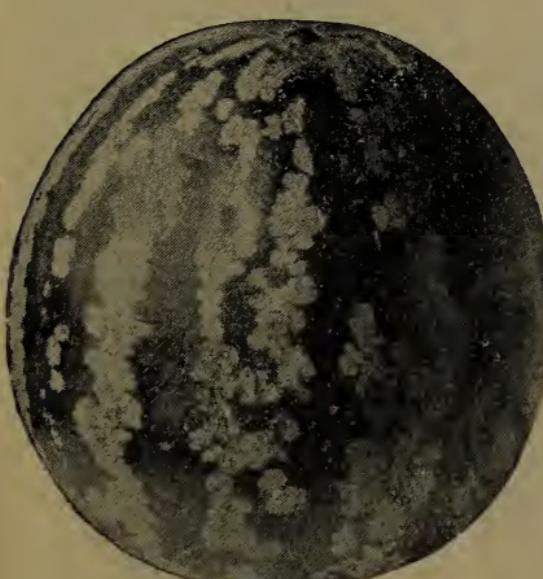
Tom Watson. A large, oblong melon, the skin of which is dark green, with thick netting on the entire surface, quite distinct from other varieties. It averages 18 to 24 inches long and 10 to 12 inches in diameter, red color, crisp, sweet and delicious.

Citron for Preserves. Fruit round and smooth. Is not eaten raw, but is used for making a very clear, transparent preserve of peculiarly fine flavor. Flesh, white and solid.

Harris' Earliest. Sweetest, largest and best shipping early melon. Melon is oval to oblong; beautifully striped with green and gray; bright red flesh, which is sweet, tender and delicious. Melons weigh 20 to 30 pounds.

Ice Cream or Peerless. Rind thin, light mottled green. Flesh bright scarlet. Solid to center. Sweet as honey.

Citron



Klondike. The earliest. The Klondike is offered with the assurance of being, not only remarkably early, but as sweet, delicate and melting in flavor as any variety grown. The flesh is of a deep scarlet. Rind thin, not a particularly good shipping sort, but is emphatically the variety for home use and sale.

Sweetheart. Remains in condition for use longer than any other sort. Fruit early, large, oval and very solid. Flesh bright red, tender and sweet. Rind thin, but strong.

Vegetable Seeds 1921

WATERMELON

Kleckley's Sweets. The finest of all medium early watermelons for home use. The rind is too thin to stand long distance shipment. The fruits are uniform in size, oblong in form, the skin is rich dark green the flesh bright scarlet, the seeds lie close to the rind, leaving a very large, solid, red core. The flesh is rich, sugary and melting, being entirely free from stringiness.

Phinney's Early.

Very early, quality good; hardy. Bears abundantly, medium sized, oblong melons with thin, smooth rind; flesh pink and tender.



Extra
Early
Hackensack
Muskmelon

OKRA

Mammoth Long Podded. A heavy yielder. Green pods of great length, very slim and tender.

White Velvet. Large, white, tender, smooth pods. Yields abundant crop.

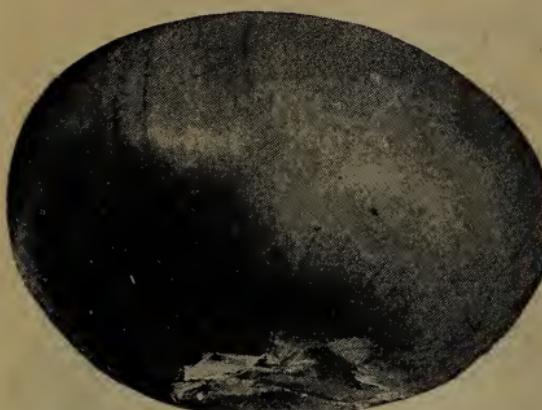
ONION



Minnesota Red Globe. This beautiful strain of Red Globe Onion surpasses all others in earliness, productiveness, perfection of shape, uniformity of size, richness of color, and long keeping qualities. Careful breeding has resulted in a true globe-shaped onion of great solidity and long keeping qualities; the very small neck not only prevents water-logging, rot and shrinkage, but also insures earlier maturity and perfect ripening down. The color of the Minnesota Red Globe is a deep blood-red, extra dark, while the surface is smooth and glossy. The flesh is white, tinged with light purple, fine grained and unsurpassed in flavor. For a long time onions have been the biggest money-making crop for the farmer. It is true that the onion market has its ups and downs, like all produce, but at the average price of about 65c per bushel in the autumn, and the ordinary yield, onions yield highly satisfactory returns to the grower. One often reads glowing accounts of enormous onion profits, yields of 600 to 1000 bushel are not unknown. With intensive cultivation, experience and skill these yields are within the reach of all in a normal year. A sound, well ripened onion crop can be put away in the autumn and held for 6 to 8 months under suitable conditions with a shrinkage of not much more than a pound per bushel per month. Experienced growers are careful however to plant a selected strain which has been bred to produce long-keeping, perfectly ripened bulbs. Consequently, the demand for Minnesota strains is continually increasing, many growers now place their orders a year in advance. Globe onions bring the best prices everywhere and since Minnesota Red, Yellow and White strains are the best globes, we recommend them to all growers.



Vegetable Seeds 1921



Large Red Wethersfield Onion

on top; skin purplish red, smooth and glossy; flesh white, slightly tinged with pink, strong flavored. The best variety for poor or dry soil.

Red Bermuda. Bulbs of this variety are similar in form and early ripening to the Bermuda White, but grow larger in size, ranging from three to four inches in diameter; very flat and of a light pink color.

Minnesota Yellow Globe. It is a large globe-shaped onion of the same general characteristics as Minnesota Red Globe and will never prove a disappointment to the grower. If yellow onions are preferred, try this strain.

Yellow Globe Danvers. The bulbs are large and globular, with very thin necks; rich orange yellow color. An enormous yielder and a fine keeper. Flesh white and mild.

Yellow Danvers Flat, or Round. Very productive, medium size, round, flat, early. Very reliable, small neck; thin, pale yellow skin. Flesh white, fine grained and mild.

Southport Yellow Globe. Very similar to the Large Red Globe, except that it averages a trifle smaller and matures a little earlier. The skin is a rich brownish yellow; the flesh white, crisp and fine grained. Great care has been given to the selection of seed, so as to give uniformity of size, shape, small necks and heavy yield.

Minnesota Red
Globe Onion



Yellow Strasburg or Dutch
Later, darker in color and more flat than Yellow Danvers Flat. Flesh pure white and of mild flavor. The best variety to grow for sets, and is a splendid keeper.

Vegetable Seeds 1921

ONION

Prize Taker. This onion has become a great favorite on account of its large size and great solidity. It is perfectly globe-shaped, with straw colored skin; the necks are very small and the onions always ripen up hard. An excellent keeper, exceedingly fine flavor, grows to an enormous size, onions weighing five pounds having been grown from seed the first year.

Ohio Yellow Globe. A very desirable strain of yellow globe-shaped onion. The main features which distinguish this strain from others are its distinct and attractive shape; handsome, bright, even color; ripens early and all at once; necks very small and cure down very close. The bulbs are firm, solid and keep exceptionally well during the Winter. Although this was first introduced in Ohio, this strain is thoroughly acclimated and is suitable for northern conditions.



White Portugal or American Silver Skin. Bulbs medium size, ripening early and uniformly, with beautiful, clear, white skin; flat, good keeper, delicate and mild flavor. Used largely for pickles, also as a bunching onion.

White Bermuda. The bulbs are quite broad and flat in form. The color is not a clear white, as in our American varieties, but rather a pale straw; flesh crisp, solid and mild in flavor. The plants are extremely thin-necked, insuring even and early ripening.

Long Keeping Australian Brown Onion.

This remarkable onion is of medium size, wonderfully hard and solid and most attractive for market, both in form and appearance. They are extremely early in ripening and make no stiffnecks or scalions. Every seed seems to produce a good-sized onion, and the bulb begins to form very quickly when the plant is not over 3 inches high. Planted with the Red Wethersfield it will average nearly four weeks earlier, and ripen off more uniformly. It has the reputation of keeping indefinitely, and we think from its firmness and hardness that it will keep in good condition longer than any other onion known. The color of the skin is a clear amber-brown.



Large Red
Globe Onion

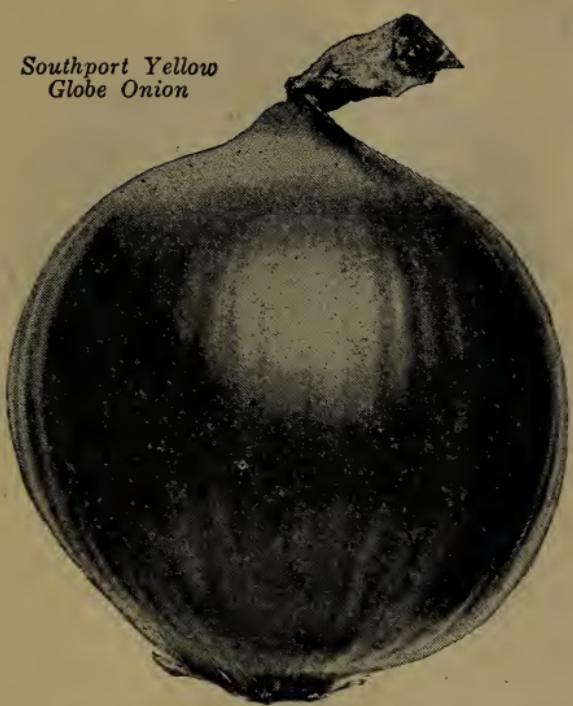
White Pearl or Extra Early Bloomsdale. While originally from Europe this is now fairly entitled to rank as an American variety. It is a pure silvery-white onion for very quick growth, frequently maturing in seventy days from sowing the seed. Bulbs are flattened, of medium size, with silvery-white skin; flesh crisp and mild in flavor. This variety is largely planted for bunching and for sets.

White Welsh. A very hardy, perennial variety of onion used only for bunching or early green onions. Much superior to the Egyptian onion, which grows a tough woody stem. This onion is entirely free from this objection. Sow seed thinly in rows 12 to 16 inches apart. Perfectly hardy and require no mulching. Seed may be sown in late summer or early fall months for early spring onions.

Sow one oz., of onion seed for 100 feet of row; 5 to 6 lbs. seed per acre.

Vegetable Seeds 1921

Southport Yellow
Globe Onion



ONION

Minnesota White Globe. White varieties are the mildest in flavor of any of the onions and are, on this account, often preferred for family use. Minnesota White Globe is the most perfect in shape of any of the White Globe strains. Most of the White Globe stocks are marred by dark rusty streaks. Minnesota White Globe is almost entirely free from this blemish and is the purest in color of any of the White Globe types. This is in every way the finest White Globe Onion in existence.

Southport White Globe.

White Globe Onions command the

highest market prices when they are true globe-shaped and free from stain. Our Southport White Globe Onion meets these requirements, having a thin skin of purest whiteness. The flesh is crisp, fine grained, very white and mild. As soon as ripe, the bulbs should be stored in a cool, dark shed or dry cellar.

White Barletta. This variety is more distinct on account of its earliness. It is earlier than the White Queen. It is of a beautiful waxy white color and grows $1\frac{1}{4}$ inches in diameter and $\frac{3}{4}$ of an inch thick, with finely formed bulbs, slightly flattened at the top. Its earliness will highly recommend its use as a substitute for onion sets. An excellent bunching and pickling sort.



Crystal White Wax Bermuda. This new variety is a large, pure-white, flat Onion. During the last few years it has become very popular with the large growers of Onions in the South, especially in south-west Texas. It does very well under northern conditions and produces one of the mildest and sweetest of them all. It is very fine for slicing, the color being so clear and pure. The best seed is produced in Teneriffe, Canary Islands. Our stock is genuine.

Onion Culture

Onions thrive well in any good soil, although very sandy soils are apt to dry out to too great an extent. Probably the very best soil for this purpose is old land that has been kept up to a high state of fertility and free from weeds, fall plowed and thoroughly pulverized in the spring.

Sow the seed early in the spring, about $\frac{1}{4}$ inch deep in rows 12 to 15 inches apart. It is tedious work thinning Onion plants, so to avoid unnecessary labor it pays to plant seed of highest germinating qualities; then the seed can be sown a trifle thicker than the Onions are to stand and little thinning will be required.

One oz. of seed for 100 feet of row; 5 to 6 lbs. seed per acre.



Vegetable Seeds 1921

ONION SETS

The Importance of Using Those Which are Northern Grown

The planting of Onion Sets is increasing rapidly year after year. They are used in order to obtain onions earlier than they can be had from seed. It follows therefore, that Northern Grown Onion Sets will produce onions earlier than Southern Grown Sets. In addition to this, Northern Grown Onion Sets are incomparably superior to ordinary stock, being of small size, very hard and sound, and are cleaned so thoroughly as to be free from trash and rubbish.

White Bottom. Small, solid and a beautiful silvery white; favorite sort in all gardens.

Red Bottom. Bright, dark red in color, even and dry.

Yellow Bottom. Produced from seed which makes the finest yellow sets. Fine, dry, medium in size and unsprouted.

Yellow Multiplier. Preferred on account of their earliness. Late in June they are fully ripe.

Egyptian Winter or Red Perennial. Hardy, for September and October planting. Orders filled in September. Ask for prices.

PARSNIP



Sweet Marrow Parsnip. This fine parsnip is offered with full confidence that it will be a prime favorite with all who use it. It is very fine grained and exceedingly sweet, while the peculiar "parsnip" flavor is fully preserved. The roots are unusually smooth and attractive in appearance. The best of all parsnips for the private or market garden.

Guernsey. (Improved Half Long.) The roots do not grow so long as the Hollow Crown, but are of greater diameter and more easily gathered. It is a very heavy cropper. The roots are very smooth; the flesh is fine grained and of most excellent quality.

Improved Hollow Crown Parsnip. Our stock of this old time favorite is very smooth and fine. None better anywhere at any price.

PARSLEY

Dark Moss Curled. The leaves are of an extra dark green color. It is very productive, and on account of the densely curled character of its leaves a quantity can be gathered in a short time.

Turnip Rooted. The edible portion is the fleshy root, which resembles a small parsnip, and is esteemed for flavoring soups, stews, etc. The flesh is white, a little dry with the flavor of Celeriac. The foliage is the same as the plain parsley.



Vegetable Seeds 1921

PEPPER

Giant Crimson. Very large, ripen earlier than other large sorts and are heavier as the flesh is unusually thick. Color of fruit, deep green when young, deep crimson when matured. Flavor is mild.

Long Red Cayenne. A late variety. Pods are small, bright scarlet, cone shaped and pungent. Are as much used for pickling when green as when ripe.

Ruby King. The most popular large fruited pepper. Very prolific. The pods are a beautiful bright red, 5 to 6 inches long by 3 to 4 inches in diameter. Flesh exceedingly thick, sweet, and so mild that it is often sliced as a salad. Splendid for stuffing as mangoes.

Chinese Giant. An enormous fruiting variety, double the size of Ruby King, averaging 12 to 15 inches in circumference. Notwithstanding its large size, it is very early and very prolific. Plants are healthy, well branched, about two feet high and carry an enormous load of fruit, often having the appearance of being bunched together. Flesh is thick, tender, mild and sweet, and is unexcelled for salad or stuffed as mangoes. They can be sliced and eaten like tomatoes. When ripe the Peppers are a rich, glossy scarlet, making them of unusually fine appearance.

Red Chili. Fruit is small, bright red, very hot and pungent. Plants are very productive. Generally used for making Pepper sauce.

Large Bell or Bull Nose. A large, early, bright red variety, mild in flavor. Desirable for pickling and mangoes when green.

PUMPKIN

Early Sugar or Pie Small, round, flattened, prolific, deep orange yellow. Flesh fine grained, sweet and of finest quality. A good keeper. One of the best for pies.

Connecticut Field. An immensely productive large, orange-colored, field pumpkin, usually grown for stock feeding, but it also makes good pies.

Large Cheese or Kentucky Field. Large, round, flattened, hardy and productive. About two feet in diameter. A fine keeper. Thick flesh of extra fine quality. Fine for family and market use. Grown quite extensively for stock feeding.

Mammoth Prize. The largest pumpkin grown. Has weighed as high as 225 pounds. A prize winner. The flesh is fine grained and the quality is excellent. The flesh and skin are of a bright, golden yellow color. Notwithstanding its large size it is a fine variety for pies and is a splendid keeper. If you wish to see just how large a pumpkin you can grow, try this variety.

Winter Luxury. A splendid pie pumpkin, round, about ten inches in diameter; skin finely netted and beautiful golden-russet. The flesh is thick, sweet, tender, of fine flavor, and deep golden in color. The vines are healthy and productive and the pumpkins keep well during the winter.

Turnip
Rooted
Parsley

Vegetable Seeds 1921

PEAS

Little Gem. Height 16 to 18 inches. The vines are of dwarf growth and produce an abundance of round, well filled pods 2½ to 3 inches long, only three days after the American Wonder. The peas are green, wrinkled, of sweet, delicious flavor and excellent quality.

Nott's Excelsior. Height 14 inches. It is of compact, dwarf growth and is nearly as early as the American Wonder. The pods average three inches in length and are well filled to the square ends with green, wrinkled peas of fine quality.

Alaska. Height 2½ feet. Very early and exceedingly uniform in maturing its crop. The vines are very productive, bearing four to seven pods which are filled with medium sized, bright bluish-green peas of good flavor.

American Wonder. Height 10 inches. The vines bear a great abundance of good sized pods containing five to eight large, exceedingly sweet, tender and well flavored peas. This is the earliest of the dwarf, wrinkled varieties. The seed is medium sized, wrinkled and pale green. Especially adapted for family use as they require no brush.

Thomas Laxton. Large podded, extra early pea. In earliness the Thomas Laxton is only two or three days behind the Alaska, but the pods are very much larger, containing on the average seven or eight large, sweet, wrinkled peas of the very richest flavor. The vines attain a height of from three to three and one-half feet. In flavor this pea is unsurpassed.

Advancer. Height 2 to 2½ feet. Seeds green, wrinkled. The pods are broad and long and well filled to the ends. It is a very productive and satisfactory variety.

Carter's Daisy Peas. Dwarf, large podded pea, needs no brush. The pods are nearly double the size of American Wonder, and are always well filled with large peas of most excellent quality. The vines are 16 to 18 inches high, and require no support.

Gradus. (Prosperity.) The earliest wrinkled variety. This grand, large podded, early, prolific variety has won the hearts of market gardeners in every market. The vines are very vigorous and robust, growing to a height of about 3 feet. The pods are very large and are invariably well filled with from six to nine sweet, luscious, tender, wrinkled peas of large size and delicious flavor.



Ruby King Pepper



Early Sugar or
Pie Pumpkin



Vegetable Seeds 1921

PEAS

Alderman. This is a very large podded pea, very robust and vigorous, producing pods of the largest size. The pods are larger and longer than the average large podded sorts, and are well filled with large peas of most excellent flavor. The vines are strong and branching, bearing rich, deep-green, straight, handsome pods averaging $4\frac{1}{2}$ to 5 inches in length, pointed at the end. The vines are from $3\frac{1}{2}$ to 4 feet in height. As is true of most wrinkled varieties they are delicious, but the Alderman is of a quality surpassing many of the others.

Champion of England. 4 to 5 feet in height. The standard main crop or late pea for summer use. The vines are very vigorous and productive, bearing an abundance of large, well-filled pods. The peas are light green, wrinkled, of fine quality and delicious flavor.

Potlatch. A fine variety of great merit. The vines are vigorous, growing 15 to 18 inches high. The long pods are a rich, dark green in color, often measuring six inches in length, with 8 to 9 enormous peas in a pod. The vines are sturdy and the pods are borne in pairs. It is wonderfully productive and the way the peas shell out is astonishing. Potlatch matures early and is unusually satisfactory.

Stratagem. Height 20 inches. The foliage is large and the vines strong and robust, requiring no support. It is very prolific and bears many very large, well filled pods containing large, dark green, wrinkled peas of rich, sweet flavor.

White Marrowfat. Height $3\frac{1}{2}$ feet. Grown on account of the great quantities of pods which it bears and for canning purposes. The vines are of strong, sturdy growth but mature the pods quite late.

Telephone. This is in all particulars a market garden variety. It comes into bearing fairly early, yields abundant crops of large, fine appearing pods and peas are sweet and luscious. It is a great cropper, continues long in bearing, and fills the basket quickly. The vines grow about $3\frac{1}{2}$ feet in height, are very vigorous and strong. Each vine bears on an average seven to ten pods, which are ready for picking in about 65 days. The immense pods are straight, and of fine appearance, and contain eight to nine large, wrinkled peas, closely packed, tender, sweet and of exquisite flavor.

First and Best. Height $2\frac{1}{2}$ to 3 feet. Standard, white seeded extra early. Vines are vigorous and hardy, bearing from three to seven pods, each containing from five to seven medium sized Peas of good quality.

Honey Sweets. The strong, stiff vines grow from 12 to 15 inches high and require no brush or other support. The pods are similar in shape to the American Wonder but are broader and longer and are borne in greater abundance. Two or three days later than the Wonders but the pods contain more Peas. Sweet as honey, rich and delicious. A splendid sort for home and market use.

Alderman Peas.

Vegetable Seeds 1921

RADISH

Sterling White Tip. This sort was given the name "Sterling" because of its fine shape, its uniformity, its handsome appearance, solidity, its regular and fine markings, its crisp, mild flavor and its superiority in every respect to all other strains of this type of Radish. It is very early and equally desirable for outdoor culture and forcing under glass. In flavor, no other Radish excels it, being crisp, sweet, mild and delicate.

Early Deep Scarlet or Non Plus Ultra, Forcing.

This variety has as small a top and is as early as any in cultivation, making it one of the best for forcing under glass. Roots ready to pull may be had in three weeks and they remain long fit for use. They are small, globular, smooth, very deep red in color; flesh is white, crisp, tender and mild in flavor.

Early Scarlet Globe. The shape is a little longer than round and the color, which it holds long after pulling, is very brilliant and attractive. Has a small top and is very early, being fit to pull as soon as Non Plus Ultra, but is much larger when matured. The flesh is white and tender.

American
Wonder
Peas

Sparkler. This quite distinct variety is exceedingly attractive, the color being rich carmine scarlet with a very pronounced tip of the purest white. The roots even when fully developed are solid, crisp and sweet, and remain fit for use as long as the coarser kinds. It is equally well adapted for forcing in frames or growing in the open ground.

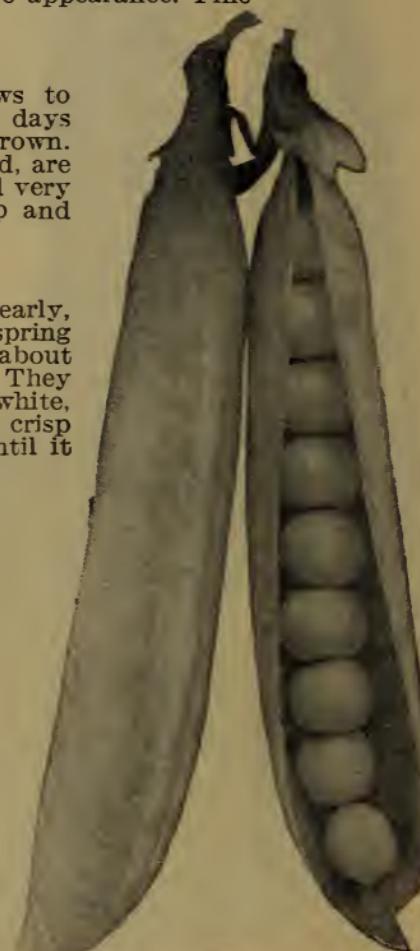
French Breakfast. Beautiful, bright scarlet, with pure white tip. Oblong in shape, medium size, makes rapid growth. It is a fine table variety on account of its excellent quality and attractive appearance. Fine for open ground or forcing.

Long Scarlet Short Top. Grows to six inches in length, matures in 25 days and can be used before it is fully grown. The roots grow half out of the ground, are very uniform in shape, smooth and very bright red in color. It remains crisp and tender until fully grown.

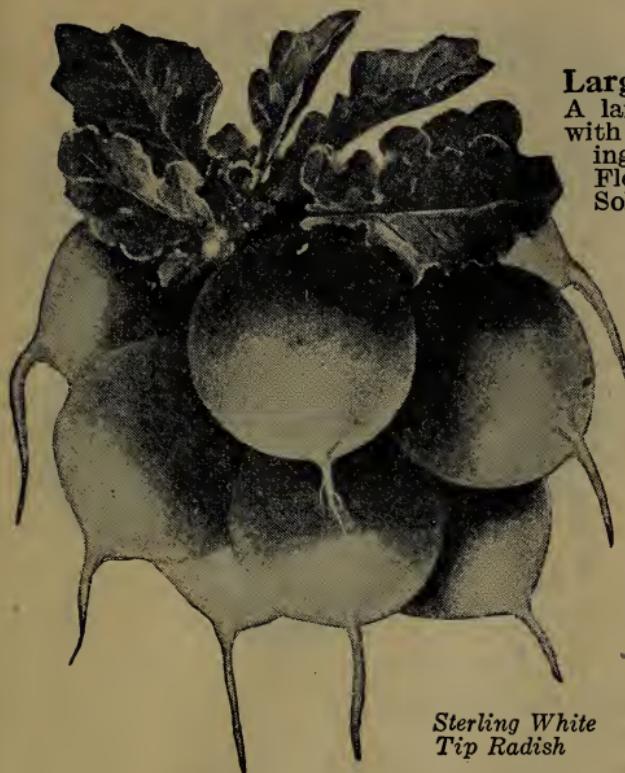
White Icicle. The finest of the early, pure white varieties. Planted in the spring the radishes are ready for pulling in about three weeks from sowing the seed. They are long and slender and clear pure white, making them very attractive. It is crisp and tender both when young and until it attains larger size.

Radish Culture

Radishes should be grown on light, quick soil, given plenty of water, and last but not least, the right kind of seed should be sown. Radishes grow very quickly and if not supplied with sufficient moisture are likely to be pithy. Sow seed $\frac{1}{2}$ inch deep in the early Spring in rows 1 foot apart and the more fertile the soil the faster they will grow. For a succession, sow every 10 days throughout the season and stir the soil sufficiently to keep out weeds.



Vegetable Seeds 1921



Sterling White
Tip Radish

RADISH

Large White Summer. A large medium long sort, with heavy shoulders tapering gradually to base. Flesh and skin pure white. Solid, fine quality. Resists drought.

China Rose Winter. Bright rose color, flesh firm and piquant cylindrical, or largest at the bottom, tapering abruptly to small top. One of the best for winter use.

Long Black Spanish Winter. One of the largest, latest, as well as the hardest of radishes. Roots of medium size, oblong, black, and flesh is of firm texture.

Sow 1 oz. of Radish Seed for 100 ft. of row, 8 to 10 lbs. per acre.

RHUBARB

Sow seed in cold frame and in six to eight weeks transplant to rich, deep soil. Transplant again following season to permanent location, setting 4 to 5 feet apart each way.

SALSIFY or Vegetable Oyster.

Sandwich Island. Grows uniformly extra large, averaging fully double the size and weight of the roots of the old variety. Of very superior quality and delicate flavor.

SPINACH

Bloomsdale or Savoy Leaved. This is the earliest variety. Plant is of upright growth, with narrow, pointed, crinkled leaves. It is very hardy.



Long Standing. This excellent variety comes quickly to maturity and remains in condition for use much longer than other sorts. The leaves are smooth and very dark rich green.

Round Thick Leaved. A rapid growing variety forming clusters of large, very thick, slightly wrinkled leaves. A favorite with market gardeners.

One ounce of Spinach will sow a 100 foot row.

*French Breakfast
Radish*

Vegetable Seeds 1921

SQUASH

Mammoth Chili.

Attains an enormous size, often reaching a weight of 75 pounds, and not infrequently weighs 100 pounds. Despite its size, its flesh is rich and fine flavored. It is especially desirable for stock feeding and exhibition purposes. As the yield an acre will run from 8 to 15 tons, it will produce a very cheap and nutritious feed. Mammoth Chili Squashes carry off the prize at nearly every show.

Improved Hubbard

The vines are of strong, running growth and bear a good number of large, pear-shaped fruit. The shell is hard, strong and dark green in color, thickly covered with a rough, warty growth. The flesh is a bright orange-yellow, fine-grained, very dry, sweet and rich flavored.



Early Deep Scarlet Radish

Golden Summer Crook Neck. Early and prolific. The fruits are of the true crook-neck type, heavily warted, and of light golden color; about one foot long.

Gregory's Delicious. In dryness, sweetness and richness of flavor, surpasses all other squashes. The shell is green in color, the flesh a rich orange. An excellent winter keeper.

White Bush Scallop (Patty Pan) Matures early and will bear throughout the season if fruits are kept gathered. Squashes are clear white and of large size. Flesh is thick and of very fine quality.

TOMATO

Beauty. (Livingston's) One of the smoothest skinned and best of the large sorts. The vines are large, vigorous and very productive. The fruit is large, uniform in size and very smooth. Skin purplish pink, flesh light pink and of excellent flavor.

Sterling. This is an early, large and perfectly smooth tomato of perfect flavor, very solid, and strikingly attractive in general appearance. In color it is a glossy crimson, tinged with pinkish purple. It is enormously productive. In addition to its earliness it continues to produce ripe fruit until frost.

Chalk's Early Jewel The largest, smoothest and finest flavored, extra early bright red Tomato. About ten days later than Spark's Earliest. It is a heavier cropper, with Tomatoes of larger size and sweeter flavor, produced throughout the season. The Tomatoes are of good size, just right for market; very solid and deep through, almost round; color bright scarlet, ripening to the stem without cracks or green core. Flesh is thick, solid, of fine flavor, with few seeds; the skin is strong enough to make it a good shipping variety.



Salsify

Vegetable Seeds 1921

TOMATO



Ponderosa Tomato

Dwarf Champion. Dwarf and compact in habit. Stands up well even when loaded with fruit, having a stiff, bushy stem; can be planted close together; very desirable in small gardens; early. It is always smooth and attractive; the skin is tough and flesh solid, but has no hard core and is of good flavor.

McGee. Originated in Texas. Claimed to yield splendid crops where other varieties fail. Bright crimson in color, solid and of good flavor.

Early Minnesota. This splendid tomato remains today, as it was when first offered, the earliest of all the good varieties, very hardy and succeeding everywhere. Early Minnesota is superior to other varieties in shapeliness, color, size, smoothness, solidity and flavor, as well as being earlier. When we say the earliest tomato, we of course mean the earliest good tomato. Those wishing the earliest good tomato must have Early Minnesota.

June Pink. One of the earliest varieties of Tomatoes and a special favorite with those who like the pink color. The fruit is borne in clusters and begins to ripen very early. The Tomatoes average three inches in diameter and are of excellent quality. The yield is heavy and continuous until the vines are cut down by frost.

Ponderosa. This is the largest fruited tomato and is of a fine quality for slicing. The vines are of strong growth; fruits oblong in form, deep through, and generally ridged or ribbed; deep purple in color. They are solidly fleshy with small seed cells; of fine flavor. Planted in good soil, fruits frequently attain a weight of one pound or more.

Stone. This variety is very large and of a bright scarlet color; very smooth, ripening evenly to the stem without a crack, exceedingly solid; is an excellent shipper; quality the very best; fine for canning.

Trophy. Very large, late or main crop variety. Fruit rich, deep crimson, desirable for canning and slicing.



Improved
Hubbard Squash

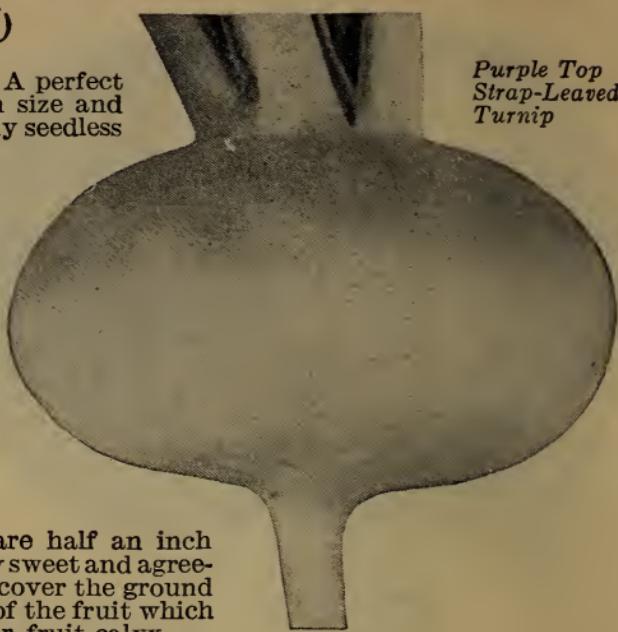
Vegetable Seeds 1921

TOMATO

Spark's Earliana. A perfect early tomato, large in size and beautiful in color, nearly seedless and very solid, a vigorous grower and prodigious bearer, yielding its splendid fruit until frost.

Husk Tomato.

Makes fine preserves. This useful fruit, which is also called Strawberry or Ground Cherry Tomato, is greatly valued for use as a preserve, it also makes delicious pies either when ripe or dried with sugar. When ripe the fruits are half an inch in diameter and of very sweet and agreeable flavor. The vines cover the ground and yield enormously of the fruit which is enclosed in a husk or fruit calyx.



Purple Top
Strap-Leaved
Turnip

TURNIP

Purple Top Strap-Leaved. A general favorite with all, and more largely grown than any other turnip; will do well to sow either broadcast or in drills, and will form good sized bulbs in seven or eight weeks. Rather flat and of medium size. Color purple above ground, white below; flesh white, fine grained and tender.

Purple Top White Globe. Of a perfect globe shape, about six inches in diameter, with smooth, white skin; flesh pure white, firm and crisp, and of quick growth. A good keeper and is fine for market.

Early White Flat Dutch. A very popular sort for table or market: grows quickly: comes early; clear white skin, flesh juicy; bulbs free from small roots.

Seven Top. As the name indicates, this variety has a very heavy top. Although the turnips are of good quality, it is grown more for greens in late fall and early spring, as it does not winterkill.

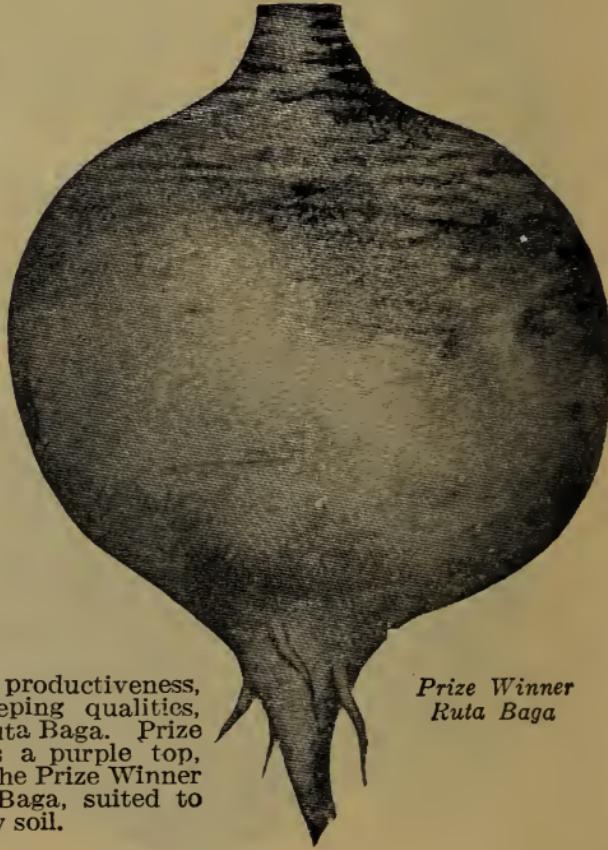
White Egg. A quick grower; early or late variety. The flesh is very sweet, firm and mild.



TOBACCO

Connecticut Seed Leaf.

A hardy variety adopted to growing in the middle and northern states. Popular for cigar wrappers. Has choice texture and delightful flavor.



Prize Winner
Ruta Baga

American Purple Top.

This strain is of American origin and is a purple top, yellow variety. The roots grow to a large size and are excellent both for the table and for stock feeding.

Prize Winner.

Short neck, small top, firm flesh, symmetrical shape, united with high feeding value, great productiveness, hardness and long keeping qualities, describes the perfect Ruta Baga. Prize Winner Ruta Baga is a purple top, yellow flesh variety. The Prize Winner is an all around Ruta Baga, suited to every purpose and every soil.

Flower Seeds 1921

FLOWER SEEDS

Alyssum, Sweet. A very neat and pretty plant for edging, rock work, beds or vases. Sweet scented and blooms profusely all summer.



Aster, Many Sorts Mixed. This very fine mixture embraces all varieties and all colors. The Aster is one of the most charming of all flowers, sure to give pleasure and satisfaction under generous treatment.

Aster Ostrich Plume Mixed. Beautiful wavy petals and large blossoms with long stems, making them ideal for cutting. Rival the Chrysanthemum in effect.

Aster, Imp. Crego Giant. Flowers large with very large, twisted, curled petals. Very fine as cut flowers; height, 18 inches. The colors are exquisite. Asters are especially popular for their beauty and lasting qualities. All colors mixed.

Bachelor's Button. Also known as Centaurea, Cornflower, Blue Bottle, Ragged Sailor, Sweet Sultan, etc. These are among the most attractive of all hardy annuals and one of the most popular flowers. Mixed colors.

Balsam or Lady Slipper. Double Camelia Flowered. An old and favorite garden flower, producing its gorgeous masses of beautiful, brilliant colored double flowers in the greatest profusion; of easy culture; succeeds in a good rich soil. Unrivaled for great variety and size of flowers. 2 feet. Many colors and combinations.

Calendula. Pot Marigold. Freely flowering plants of easiest culture, succeeding everywhere and flowering continuously. Flowers double, showy, of large size and pleasing colors. One of the best old-fashioned flowers.

Calliopsis or Coreopsis. Showy and beautiful free-flowering annuals, blooming all summer and excellent for cutting and massing. Mixed. All colors.

Candytuft. Universally known and cultivated. When sown in April, flowers from July until frost. Very hardy and easy to cultivate. Height, 1 foot. All colors mixed.



Carnations, Marguerite. This new class of Carnations blooms in about five months after sowing the seed. The flowers are of brilliant colors, ranging through many beautiful shades of red, pink, white, variegated, etc., exquisitely sweet and fully eighty per cent perfectly double. The plants succeed alike in the open garden or in pots. Seeds sown early in the year will give an abundance of flowers in July. Sown in May and kept pinched back, plants will bloom late in the fall until checked by hard frosts. Mixed colors.

Cypress Vine. One of the most popular vines with delicate fern-like foliage and masses of beautiful, small star-shaped flowers. Suitable for porches, and window boxes.

Flower Seeds 1921

FLOWER SEEDS

Cosmos, Extra Early. Cosmos is the showiest of our late summer and autumn blooming annuals. Its graceful flowers borne on long stems, rising above the feathery foliage are very desirable for home or church decoration, lasting a week or more in water. It is a very prolific bloomer and if the plants are given enough space to develop well, will branch freely, every shoot being covered with a mass of lovely flowers. Crimson, white and rose. Mixed colors.

Eschscholtzia or California Poppy. A very attractive annual for massing, beds or edgings, profuse flowering, with fine-cut foliage. All colors mixed.

Four O'clocks, or Marvel of Peru. A handsome, free-flowering garden favorite, which succeeds everywhere. Give each plant 12 to 18 inches of room. Fine mixed colors.

Gypsophila. Bridal Veil. Baby's Breath. Flowers in a few weeks after sowing. Its graceful panicles of dainty blossoms and feathery foliage are unequalled for making up bouquets. Sow at intervals during the Summer.

Hollyhocks, Everblooming Annual. A comparatively new class of easy culture and flowering as quickly from seed as any garden annual. The plants from early sown seed set out in May begin flowering in July; the May sown, in August; but in either event they flower profusely until frost. The plants are vigorous in growth and naturally branching in habit, and if given the best of treatment will thrive luxuriantly. The soil should be very rich, deeply dug, and during dry weather watered liberally. The diversity of forms and colors is delightful. There is a great variety of colors and color combinations in this strain, including maroon, pink, rose, crimson, white, cerise, scarlet and many variegations, of dainty and exquisite blending.

Kochia. Summer Cypress or Mexican Fire Bush. An easily grown annual, which sown thinly in spring soon forms a cypress-like hedge of lively green and of perfect symmetry; it attains a height of about 3 feet, and on the approach of autumn the whole plant becomes a deep red.

Larkspurs. This is one of the best known garden flowers. A vast improvement has been effected, by careful selection and attentive cultivation, in size and color of the blossoms and the general habit of the plant. Hardy annuals. Mixed colors.



Marigold



Nasturtium

Flower Seeds 1921

FLOWER SEEDS

Marigold, African. Plants grow $2\frac{1}{2}$ feet high, producing large, double flowers, about 3 inches in diameter, orange and lemon shades predominating.

Marigold, French. Very free flowering annual of easiest culture. Dwarf in growth and very effective for bedding purposes. Covered with hundreds of small, bright flowers.

Mignonette, Sweet Scented. A well known fragrant garden favorite. Sowings made from May to July will give a succession of blooms from early summer until frost.

Morning Glory. One of the most free-flowering and rapid-growing climbers in cultivation, thriving in almost any situation.

Nasturtium, Sterling Dwarf Mixed. This popular flower is so well known as to require no comment. In this mixture are included the finest colors and combinations obtainable in the dwarf varieties.



years, in the character of the largest Pansies. Giant Fancy is the finest mixture of the large varieties. For this is used only the seed from the very choicest blossoms. It includes many of the newest productions of famous growers.

Pansy Bedding Mixed. Composed of many standard sorts; admirably suited for beds or borders, strong growing plants, very free blooming.

Petunia. The Petunia is peerless among annuals for effective summer bedding or window boxes. It is of easy culture, early to blossom and continues all the summer until frost. No other flower produces a greater diversity of color, or retains its freshness for so long a period. The doubles may be perpetuated, by cuttings in late summer, for winter house plants. Provide good soil and a sunny location. All colors mixed.

Phlox Drummondii. Of all summer-flowering annuals the varieties of Phlox Drummondii are unquestionably some of the most brilliant and satisfactory. Seed may be sown in the open ground any time after danger of frost is past, and in a few weeks the beds or borders are aglow with their brilliant coloring and remain so until cut down by frost. For early flowering they should be started indoors or in a hot-bed. Mixed colors.

Pinks or Dianthus. One of the most popular and magnificent flowers in cultivation, producing a great variety of brilliant colors and profusion of bloom. The annual varieties may be sown out of doors when danger from frost is past and in a few weeks time they are a mass of bloom, continuing so until frost. 1 foot. All colors mixed.



Flower Seeds 1921

FLOWER SEEDS

Poppies, Sterling Double Mixture. Includes all of the best double varieties of large-flowering Poppies of all colors; also many varied tints and combinations of color. Many of the blossoms are 6 to 7 inches in diameter and as double as Peonies, 30 to 36 inches high. They are fine for cut-flowers or garden display.

Poppies, Sterling Single Mixture. Embraces all the leading best single varieties. As is always the case with Sterling Mixture, it has been the aim to include in this mixture every good variety.

Poppy. The most popular of all annuals, producing a gorgeous display of bloom, unequalled by any other annual. Single and double in choicest mixture.

Portulaca or Moss Rose.

One of the finest hardy annuals, of easy culture, but thrives best in exposed sunny situation. The flowers are of the richest colors and are produced freely throughout summer. All colors mixed.



Poppy

Ricinus. Castor Oil Bean. Ornamental plants of stately growth and picturesque foliage, with brilliant colored fruit, producing a sub-tropical effect; fine for lawns, massing or center plants for beds. Mixed.

Salpiglossis. Painted Tongue. Very beautiful hardy annual plants, flowering freely from July to early autumn. Rich soil should be provided, with plenty of space for plants to develop. Large flowering, mixed.

Scabiosa, Mourning Bride. One of our handsome summer flowers. The beautiful, double flowers are produced in a great variety of colors. Excellent as cut flowers, lasting nearly a week after being cut.

Snapdragon. Readily grown from seed and is a constant source of pleasure, being in bloom all the time, excellent as cut flowers, lasting many days. All colors mixed.

Stocks Ten Weeks. This Stock is one of the most popular annuals for bedding or pot culture; for brilliancy and diversity of color, fragrance, profusion and duration of bloom it is unsurpassed.

Giant Russian. Immense single flowers, yellow with large black center. 6 feet.



SWEET PEAS

(See Inside Back Cover)

Verbena, Mammoth

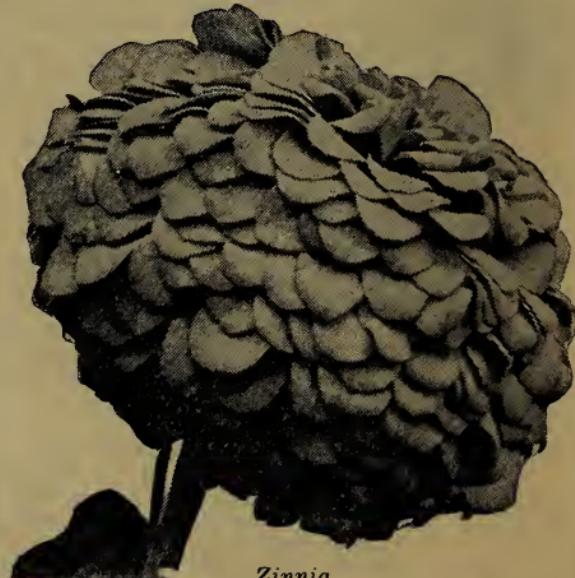
Flowering. The largest Verbena known, a single flower often being as large as a twenty-five cent piece.

Zinnia. One of the most brilliant and showy of annuals. They bloom early in summer, until hard frost.

Wild Cucumber. The quickest climber known for covering verandas, old trees and houses, etc., It will sow itself. Sow seed in Fall.

White or Dutch

Clover. Very desirable for beautifying the lawn. It will stand close cutting. Does well in most any soil.

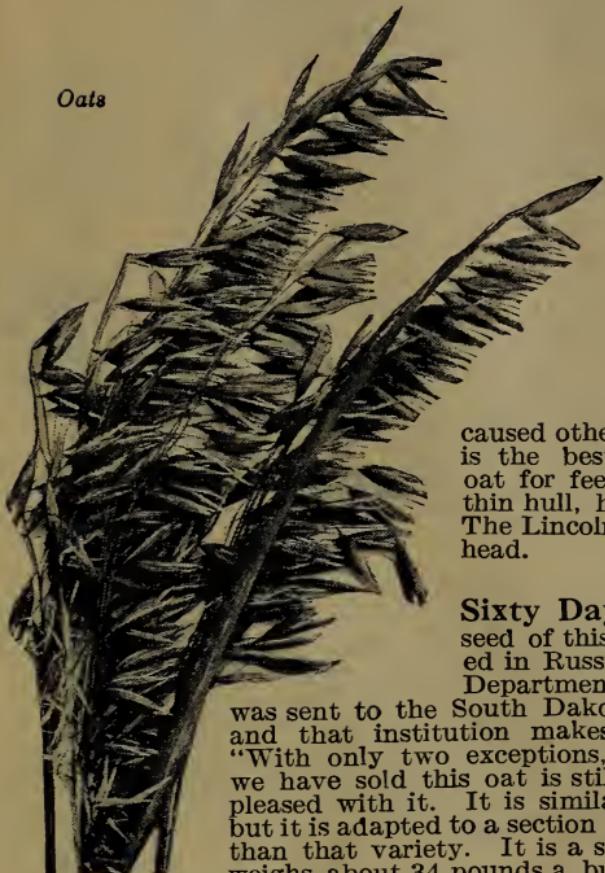


Zinnia

Field Seeds 1941

On account of the great variation in prices during the season, no values are given on field or grass seeds. Ask for prices when you are ready to purchase. It will be to your interest to place your order early before prices advance or stocks become exhausted.

Oats



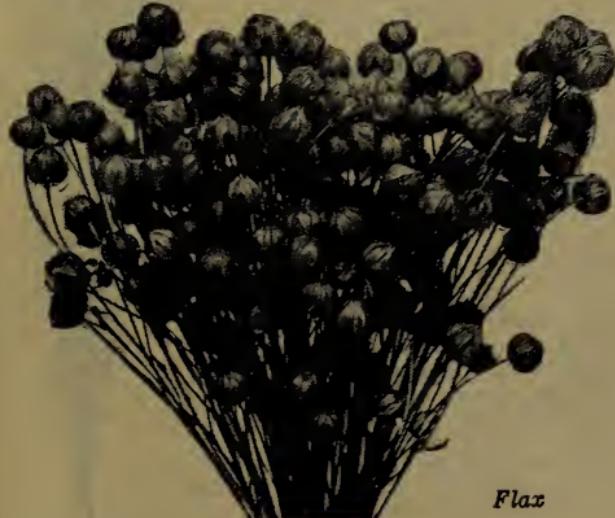
Lincoln Oats.
Reg. U.S. Pat. Office.
We believe the "Lincoln" to be as fine an oat as is grown. The claims made for earliness, enormous yielding qualities and freedom from rust when first sending it out, have been fully sustained on every point and from all sections. Hundreds have written that, on account of its stiff straw, it stood up perfectly under weather that caused other varieties to lodge. It is the best and most economical oat for feeding on account of its thin hull, heavy meat and soft nib. The Lincoln Oat has a sprangle top head.

was sent to the South Dakota Experiment Station, and that institution makes the following report: "With only two exceptions, every farmer to whom we have sold this oat is still growing it and is much pleased with it. It is similar to the Kherson Oat, but it is adapted to a section somewhat farther north than that variety. It is a small yellowish oat that weighs about 34 pounds a bushel. The hull is very thin, being easily shelled off in threshing if the concaves are set too closely."

The Sixty Day Oat has made a fair crop when other varieties failed entirely. It is so early that it may be harvested with barley. It has averaged 40 to 60 bushels to the acre on the same ground on which other varieties gave a poor yield. The average yield of Sixty Day Oats at the Minnesota Experiment Station has been 64 bushels per acre. This is not a side oat.

Swedish Oats. Swedish Oats have given general satisfaction. At the Wisconsin Experiment Station it has stood at the head of the list for several years, having been distributed by that station as Wisconsin No. 4. Prof. Carleton of U. S. Department of Agriculture says, "Probably the best American Oat."

Its habit of growth is so vigorous that on heavy soils it is likely to lodge, but for light soils it has no superior.



Flax

Silver Mine Oats.
This oat has made for itself a reputation as an exceedingly heavy and reliable yielder. It is very hardy and prolific and yields beautiful white kernels, which are especially desirable for the manufacture of rolled oats. The heads are very large in proportion to its stiff, bright, clean straw. The sprangle top heads, although long, are borne low down on the stalk, which seems to prevent lodging.

Field Seeds 1921

Iowa No. 103 Oats or White Kherson. Originating from stock bred by the Iowa Agricultural College, the Iowa 103 Oat has proved its value as a heavy-cropper. One hundred bushels per acre is not unusual.

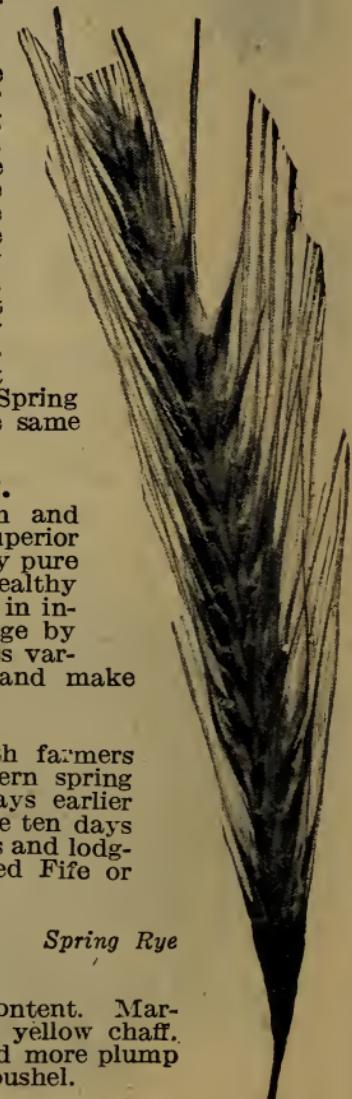
The grain is not large but is plump and heavy, with a thin hull. During growth the yield is deceiving but the results at threshing time prove its value as a prolific producer of grain high in food value. The straw is of excellent strength and on good soil stands up unusually well.

Japanese Buckwheat. Entirely distinct from all other varieties. It has the advantage of remaining for some time in bloom and produces seed earlier. On this account it can be grown farther north. It resists drought and blight very well. The seed is rich dark brown in color and larger than Silver Hull. As much as forty bushels to the acre have been harvested of this variety.

Silver Hull Buckwheat. This valuable variety originated abroad and is a decided improvement on the old black or gray sort. It is early, remains longer in bloom than other sorts. A fine variety for honey bees. The grain is of a beautiful light gray color, and has a thin husk. Millers prefer Silver Hull, there being less waste and it makes whiter, better and more nutritious flour than other varieties. Silver Hull is more productive and the grain meets with a more ready sale, bringing higher prices than the Japanese. Under favorable conditions it will yield 40 to 50 bushels an acre.



Northland Brand Seed Flax. Prof. Bolley of the N. D. Experiment Station especially recommends "plump, bright colored seeds—because they probably grew upon strong or vigorous mother plants and are thus not likely to be internally diseased." Northland Brand Flax is meeting with approval throughout the Northwest. It ripens in mid-season and under favorable conditions, yields splendidly. Cleaning Flax so as to make it suitable for seed is an expensive operation, requiring special machinery and often involves considerable waste, but we take great care to do this thoroughly. Send for sample and note its splendid quality.



Spring Rye. True Stock, Spring Rye makes an excellent crop where winter grain has been killed out, or for sowing where a fall crop has not been planted. If desired it can be turned under and made to answer a good purpose in adding to the fertility of the soil. Sow seed same time as other spring grain. Does not grow quite so large straw as Winter Rye, but usually yields as well and grain is of fine quality. Particular attention is called to the fact that genuine Spring Rye is offered. Many have been disappointed in receiving Winter Rye as a spring variety, and the fact is emphasized that we sell the genuine Spring Rye, sown in the spring and harvested the same season.

Northland Brand Spring Wheat.

All who see this Wheat, both the grain and while growing, compliment us on its superior value and fine appearance. It is as nearly pure as Wheat can be and by cross breeding a healthy grain has been produced which goes far in increasing the yield and reducing the damage by rust and other enemies. This is a beardless variety. The kernels are hard and flinty and make the very best grade of flour.

Marquis Wheat. Pronounced by both farmers and millers the finest for the northwestern spring wheat territory. It is a week to ten days earlier than Blue Stem or Red Fife Wheat. These ten days mean much, avoiding rust, smut, hot winds and lodging. As a heavy yielder, it exceeds Red Fife or Blue Stem by five to ten bushels per acre.

This extra yield pays for the cost of seed, several times over. Marquis Wheat grades No. 1 Hard and is of splendid appearance. Millers prefer this variety because of its splendid milling qualities and high gluten content. Marquis is a beardless wheat, having smooth, yellow chaff. The kernel is flinty, very dark red and more plump than Red Fife. It weighs 64 to 66 lbs. per bushel.

Spring Rye

Field Seeds 1921



Macaroni or Durum Wheat. The acreage of this variety is increasing every year as the milling demand grows. It out-yields by far any other variety of Spring Wheat and it has been demonstrated that it makes bread superior to that made from the best Fife Wheat flour, and has proved to be practically immune to the dreaded rust. In growing it resists extremes of weather which no other wheat will endure.

In the field this wheat grows very strong and with surprising rapidity, so rapidly as to get well ahead of the weeds. It does not shell or bleach; is almost hail proof owing to the tightness of the hull. The straw is very strong.

Manshury Barley. Manshury Barley represents the combined efforts of Experiment Stations and barley experts to produce a variety which will yield plump grains with the greatest protein content, as well as strong, stiff straw and long, well filled heads. In quality, both as to feeding value and for malting purposes, no other barley excels it. It yields abundantly. It is early and very vigorous in growth. The straw is stiff and strong. Seldom does a field of this grain lodge. The heads are long and well filled, grain plump and of best quality.

Oderbrucker or Wisconsin No. 55 Barley.

Considered the best variety of barley sent out by the Wisconsin Station. Prof. Moore declares it to be superior to the Manshury, yielding 5 to 10 bushels more an acre. Oderbrucker is a stiff-strawed, heavy yielding, six rowed, bearded variety. It is about the same as Manshury in time of maturity, manner of growth and general appearance, but has a plumper kernel and weighs more to the measured bushel. Prof. Moore says: "In stiffness of straw and rust resistance it is superior to any other variety on test."

Improved White Hulless Barley. It is not a malting variety, but for feeding purposes there is no barley raised which can compare with it in earliness, yield and quality. While it has sufficient hull to hold it in the head, these hulls are readily separated in threshing. The absence of beards makes it safe to feed to all kinds of stock. Its earliness is a characteristic which is especially desirable. It will mature in from 60 to 90 days, according to soil and locality. Those seasons in which wheat failed, White Hulless Barley was sown in June and had ample opportunity to mature, provided there was sufficient moisture in the ground to start germination.

The grain is exceedingly heavy, weighing from 60 to 63 pounds to the measured bushel. The yield varies from 35 to 80 bushels an acre. Its nutritive value is very great. It is very valuable for feeding poultry, hogs and all kinds of stock. It is often grown for hay, coming very early and providing rich feed. The straw is stiff and straight, and seldom if ever does it lodge.

SPELTZ or Emmer.

Speltz has now been grown for several years and each succeeding season sees its production increasing to an enormous extent. It is found to be adapted to a wide range of soil and climate, to resist extremes of weather, to be of superior feeding value and to yield so much more heavily than oats and barley as to insure its increasing popularity.

Professor Shepard, of South Dakota Experiment Station, states:

"It is readily eaten by all kinds of stock and has shown itself to be especially adapted for feeding milch cows. It is better to mix it, however, with bran and shorts, as it is a pretty heavy feed when fed alone. As a swine feed, we think very well of it indeed, especially for brood sows."

"Horses do well on it, but I do not think it is equal to oats in that case. Its most striking value is found in the fact of its drought-resisting qualities."

Field Seeds 1921

FIELD CORN

Silver King. Also known as Wisconsin No. 7 or Silver Jewel. This variety of snow white Corn is increasing in popularity. The stalks bear well, frequently two ears. The ears run 16 rows on the average, are well filled both on tips and butts and uniform in size and type. This Corn is best adapted for southern Minnesota, southern South Dakota, southern Wisconsin and northern Iowa. 100 to 105 days are usually required to mature.

Golden Jewel. This variety of yellow dent Corn is very similar to Silver King. Ears bear deep, square kernels set closely on the cob with 16 to 20 rows on each ear. Average length of ear 8 to 9 inches. The ears are usually set about 3½ feet from the ground. This variety is a little later than Minnesota No. 13. For southern Minnesota, southern South Dakota and northern Iowa this variety will be found very desirable.

Minnesota No. 13. The commanding points of excellence which place Minnesota No. 13 Corn at the head of all yellow dent varieties for Northern planting are its earliness, enormous yield and adaptability to a great variety of soils and climates. Considered by the experiment stations to be the best yellow dent corn for Minnesota, Wisconsin, North and South Dakota. Matures in 90 days.

Rustler White Dent. Early White Dent (14 to 18 rows). For early ripening, great yield and compact growth of ears it is one of the best; admirably adapted to a northern climate. Average height of stalk, 8 feet; average distance base of ear from ground, 3 ft. 6 in. Those wishing a first-class White Dent Corn will find in the Rustler a hard Corn to match. Ask for price.

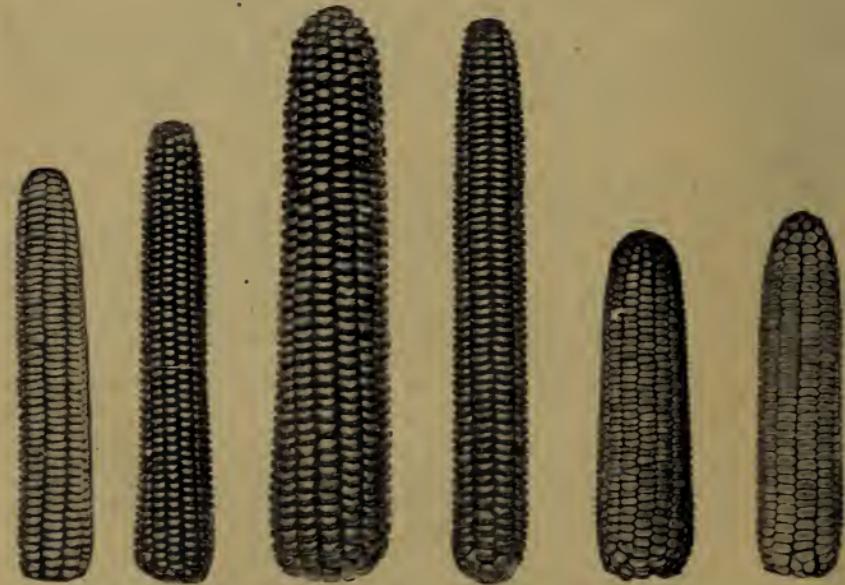


Minnesota Ideal. One of the Largest Long-Eared Varieties grown in Minnesota. Those who have grown this and other varieties claim that it will out-yield Minnesota No. 13 ten to fifteen bushels to the acre when grown under the same conditions of soil and cultivation.

It is a yellow dent Corn of fine appearance. It has been grown for a number of years in the southern part of Minnesota and has gradually been worked north and is now safe for planting in the latitude of Minneapolis.

The stalks are stiff and strong, about 8 ft. high, and will stand well in windstorms. The ear grows from 3 to 3½ ft. above the ground.

This Corn will produce uniform ears on nearly every stalk. There will be very few nubbins. This seems to be a peculiarity of this variety. Ask for price.



No.
Dak.
Flint

Mercer
Flint

Triumph
Flint

Long-
fellow
Flint

No.
Dak.
Dent

Minn.
No. 23

Field Seeds 1921

FIELD CORN

Early Northwestern Dent. In North Dakota, northern Minnesota and in high altitudes this variety can be relied upon to mature before any other dent corn. Frequently yields 75 bu. per acre and matures in 85 to 90 days. Kernels red with yellowish cap. Ears are 7 to 10 in. long and bear 10 to 14 rows. Very desirable for late planting or replants. May be sown in check rows or drills. Average height stalk, 7 ft., 8 in. Our seed comes from stock bred up to highest standards. Ask for price.

Early Murdock. Suitable for Southern Wisconsin and Minnesota and South Dakota. This is a standard and well known variety in Iowa and southern Minnesota.

It is considered one of the most productive and as early as any of the deep-kernelled varieties. It is well established in type and is growing in favor with those who know it. It is one of the most dependable of the later varieties. It has a stout, stiff stalk which stands well in storms, growing 6 to 8 ft. high. The ears are borne well up on the stalk. It almost invariably yields well and with good care and favorable conditions, will give very large crops. Ask for price.

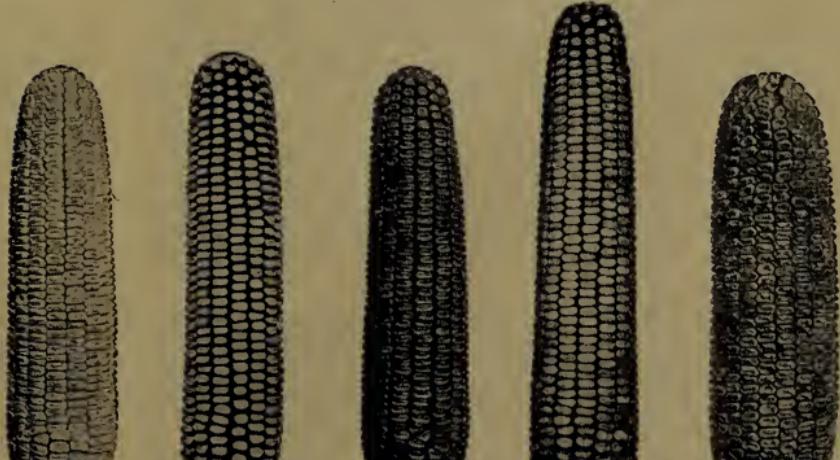
North Dakota White Flint. Resulting from a careful selection of Squaw corn for many years. Very much better than the Squaw. Average height stalk 5 ft., average distance base of ear from ground 1½ ft. Average length of ear 8 inches. Ask for price.

FIELD SEEDS

Canada Field Peas, Yellow. Height of vine 3½ to 4 ft. This variety is extensively grown in Canada, Wisconsin and other pea growing sections, and has a large sale, not only for agricultural purposes, but for use in soups. Ask for prices.

Canada Field Peas, Green. Height of vine 3½ to 4 ft. Of the same general character as Canada Yellow Field Peas. Used for the same purposes, but the seed is green in color instead of yellow. Ask for prices.

Sand or Winter Vetch. A very valuable forage plant. It is very hardy, is valuable as a winter cover crop to prevent leaching, and for forage and fertilizing purposes. It is an annual, but re-sows itself and will come up year after year on the same ground. It succeeds well on nearly all soils and thrives surprisingly on poor, light land and will endure extremes of drought, heat and cold. It improves the soil. It may be sown either in the spring or fall with about half a bushel of rye or oats for support. It grows rapidly and is particularly valuable in sections where Clover does not thrive. When sown in April or May it can be cut in July, the second growth affording excellent pasture during the summer. The yield of green fodder is from twelve to twenty tons an acre. Ask for prices.



Sterling
White
Dent

North-
western
Dent

Minn.
No. 13

Minn.
Ideal

Murdock

Field Seeds 1921

Dwarf Essex Rape. It is an annual, bearing a close resemblance in leaf and stalk to the Ruta Baga, but both leaves and stalk are more numerous in the Rape plant, and of a taller habit of growth. It is a pasture plant which may be eaten off by any kind of live stock, but it is pre-eminently fitted to furnish pasture for sheep, cattle and swine.

A good crop will furnish at least 12 tons of green food an acre.

Dwarf Essex Rape thrives best on a good soil, rich in vegetable matter. Slough lands are excellent. This plant may be grown successfully in the following ways, viz: 1. In the early spring, to provide pasture. 2. In June or July, to provide pasture. 3. Along with grain, using 2 lbs. of seed an acre to provide pasture for sheep after harvest. 4. Along with peas, oats, clover seed, to provide pasture and to get a "catch" of clover. 5. As a cover in the orchard for winter protection to avoid root-killing. 6. In corn, sowing the seed with the last cultivation; the succulent feed produced may save the loss of cattle by corn stalk disease. 7. Along with Rye, sown in August, in sheep pasture. 8. On early plowed fields to shade the land and so that the soil will not leach, wash or drift. 9. To plow under as a green crop adding humus to the soil. When rape is sown broadcast, 5 lbs. of seed an acre will suffice. When sown in rows, say thirty inches apart, and cultivated, from 1 to 2 lbs. an acre will be enough. Ask for prices.

Annual Hog Pasture Mixture. We urge upon farmers the real importance of using Annual Hog Pasture Mixture. It is so called because it was intended primarily to supply pasturage, not only for swine but all other live stock. It is made from many different grains and forage plants, many of which grow again as fast as fed down.

It is valuable, too, as a catch crop, for it may be sown as late as the middle of August. Its great use is in small pastures or paddocks near the barns where the stock may be handily turned in at any time. Those desiring to raise an increased number of sheep and swine should note the fact that its use decreases the cost of fencing, as an acre yields four or five times as much as any other pasturage.

The quantity of Annual Hog Mixture required varies according to conditions of soil and climate, but as a rule we recommend sowing 50 pounds to the acre. The ground should be thoroughly prepared as early in the spring as possible so as to give the mixture an early start.

Southern Cane. This variety does not mature so early as the Minnesota Sorghum, but the yield is very much heavier. When Sorghum is grown for fodder only, the Southern Cane will give the greatest tonnage and is usually grown on that account by dairymen, to feed their milch cows. It is also desirable when grown as a pasture plant for sheep, hogs or cattle. All kinds of stock eat it readily. Southern Cane is not suitable for making syrup when grown in the North, but for feed is splendid.

Medium Red Clover. This is regarded as the most valuable of the Clover family. It is sometimes called June Clover and is a dependable all-round variety for farmers and stockmen. It makes two crops each year. The first is usually cut when it is in blossom for hay; the last crop may be harvested for seed, cut for hay, or plowed under to add fertility to the soil. It may be sown either in the spring or fall, and if no other grasses are used, at the rate of from 8 to 12 pounds to the acre, according to quality of seed used and condition of the soil. Clover adds greatly to the fertility of the land on which it is grown. It does not exhaust the soil, but enriches it. It pays always to buy the best Clover seed which can be obtained. Even though the first cost is twice as much as cheaper seed, it will be found in the long run that inferior seed is the most expensive, not only on account of less hay or seed being produced from it, but from the fact that one's land becomes infested with weeds.

Alsike or Swedish Clover. This is one of the hardiest varieties known. It is perennial and does not winter kill. It will do better on moist land than any other variety of Clover, and is suitable for either hay or pasture. When sown with other grasses, it forms a thick undergrowth and greatly increases the yield. It is frequently sown both with Medium Red Clover and with Timothy, and the quality of hay thus produced is excellent. Finer and more leafy than Medium Red Clover and cattle prefer it.



Field Seeds 1921

Timothy



Timothy. As a crop for hay, Timothy is probably unsurpassed by any other grass. It is greatly relished by all kinds of stock, especially horses. It yields more nutritive matter than any other grass or forage plant. It is not suited

for a permanent pasture as it will in the course of a few years run out. It is, however, well adapted to early spring grazing as it starts up quickly in the spring, and in favorable fall weather can be pastured in the autumn as well.

Red Top (Solid Seed.) A valuable grass for moist rich soils where it thrives very luxuriantly. It is a good variety to sow with Timothy and Clover for meadow or pasture and is more permanent than either of the other two. It should be fed close, as if it is allowed to grow up to seed, the cattle dislike it. On good soil it grows about two feet high; on poor gravelly land about half that height. It has been grown successfully even on alkali land where other grasses failed. Red Top is commonly known as Herd's Grass and should be more extensively grown, especially in combination with other grasses. Solid Seed Red Top is free from chaff and weighs 14 pounds to the bushel. Only ten pounds of "Sterling" Brand required to the acre.

Kentucky Blue Grass. This makes the best, sweetest and most nutritious pasture for all kinds of stock. It is very hardy and is uninjured by cold or dry weather, hot sun or tramping of hoofs. The roots are so thick and stout that they form a tough sod. Blue Grass requires two years to get well started and for that reason it is often sown in mixture with other grasses. Sometimes called "June Grass." From 20 to 25 pounds of "Sterling" Brand seed required to the acre when sown alone.

Montana Grown Alfalfa. Montana grown Alfalfa is extremely hardy and some prefer it to seed from any other locality. Our seed is obtained in those sections where plants have endured the extreme cold of winter and thrive in high altitudes. It is highly recommended for planting in the Northwest. Recent experiments of both the Minnesota and North Dakota Experiment Stations have established the superior hardiness of Montana grown Alfalfa.

Dakota Grown Alfalfa. This seed was grown under severe conditions of low temperature in winter and hot weather in summer. Plants which survive this treatment and produce seed are very hardy plants. The seed inherits these hardy tendencies and is splendid for northern planting.

American Grown Alfalfa. A very popular variety. For Sterling Brand Alfalfa we obtain as plump and fine colored seed as grows. This seed is selected from the best seed produced. 10 to 12 pounds are usually sown to the acre.

Grimm Alfalfa. Highly recommended by the government and state experiment stations as being one of the hardiest known strains of Alfalfa. Usually there is not enough seed to meet the demand and the price is high.



Field Seeds 1921

Bromus Inermis. Drought defying, frost resisting. Yields enormous crops of splendid hay and affords early and abundant pasturage. It starts from two to three weeks earlier in the spring than native prairie grass and it keeps green in the autumn longer than any of the useful grasses grown in the West. No amount of cold seems to be able to kill it. It bears up well under hot summer suns. It will grow under conditions that are very dry, and it can also stand being covered with water, not deep of course, for one or two weeks in the early spring.

This grass may be sown at any time of the year when the ground is bare, but the best season is in the spring, and with or without a nurse crop. 15 pounds of good Bromus Inermis an acre is sufficient.

Western Rye Grass. (*Agropyrum Tenerum*). (sometimes called Slender Wheat Grass). It affords excellent pasturage and provides large quantities of hay. It thrives on all soils, but is peculiarly adapted to prairie soils. It gives good returns on land quite strongly impregnated with alkali and fits it so that grain may be grown successfully.

German Millet. (True Southern Grown Seed.) Millet seed produced in the North, even from Southern seed, becomes what we call Common Millet. Not only does the plant change in character, becoming coarser and much more dwarf, but the seed itself shows a change, and is readily distinguished by those experienced in handling it.

German Millet is very sweet, palatable, and when fed to dairy cows produces a large amount of milk. On good rich soil it grows four to five feet high. It is very tender if cut at the right stage, which is when it is in full bloom. About three-fourths of a bushel of seed is sown to the acre. A good yield is from three to five tons of hay to the acre.

Common or Northern Millet. As stated before, Common Millet does not yield so much hay nor so good hay as the German (Southern Seed). It is usually cheaper than true German. Grows usually from two and one-half to four feet high and makes excellent hay. Sow about three-fourths of a bushel to the acre.



Hungarian. (Dark Seed.) Often called Hungarian Grass. Many regard this as being better even than German Millet as it is about one week earlier and requires less moisture. The hay is fine and of excellent feeding value.

It is especially valuable on account of requiring such a short season to make a fine crop of most excellent hay. For this reason it is much used as a catch crop. It is much used for following such crops as early potatoes and barley for a crop of hay, thus giving two crops on the same land in one year. Hungarian Millet does not grow so coarse as some other varieties, but still yields heavily, from two to four tons of hay to the acre being an ordinary crop. Hay is quite leafy, of very fine quality.

Siberian Millet. Earlier than either German Millet or Hungarian, and consequently very valuable for the North and yields remarkably. It is extremely hardy, notwithstanding drought wonderfully and is about two weeks earlier than the German Millet. The leaves are very tender, making it excellent for hay. The South Dakota Experiment Station pronounces it "the most promising variety yet tested." The plant stools to a remarkable degree, as many as thirty to forty stalks have been grown from one seed, and is not subject to rust.

Japanese Millet. Improperly called "Billion Dollar Grass." Entirely distinct from all other Millets. It grows from 6 to 9 feet high, stands up remarkably and yields enormous crops. When cured it makes good hay and in quality is superior to corn fodder. It is relished by all kinds of stock. It may be sown broadcast at the rate of 15 lbs. an acre, but it is better to sow in drills 12 to 18 inches apart, using 10 to 12 lbs. to the acre. It does best on low moist ground.

Hog or Broom Corn Millet. This is grown for the same purpose for which other Millets are sown, but makes inferior hay unless cut very young. It yields enormously of seed, even 60 to 70 bushels to the acre, and this is very advantageously used for fattening swine and other stock. Seed also makes very fine feed for poultry and young chicks. It will mature in about two months from sowing seed.

Northrup, King & Co.'s SWEET PEAS Sterling Mixture

The finest and most desirable mixture possible to put together. The acme of richness and beauty, matchless in combinations of colors and giant sweet scented flowers. Every color of the rainbow and an almost unlimited variety of shades, tones and combinations—striped, splashed, mottled and margined. This mixture is made up regardless of expense, the aim being to secure the largest flowering sorts and the widest possible range of color.

Giant Orchid Flowering or Spencer Mixture

Spencer varieties of Sweet Peas have come into general favor so rapidly that the demand has been large for all Spencer sorts in mixture. We have included in this combination nearly all of the Spencers, making it a rare and lasting pleasure to the grower. The vines are strong, healthy and vigorous in growth and produce in wonderful profusion, long and strong stemmed flowers of great beauty, size, perfect form and coloring. Those preferring to grow all sorts together, rather than separate colors, will find this mixture unsurpassed.

Eckford's Large Flowering Mixed

This mixture embraces the introductions, including the novelties of Mr. Eckford, the Sweet Pea specialist of England, who has accomplished more than any other individual in bringing Sweet Peas to their present state of beauty, size and perfection.

Single Colors

For those who wish to grow the separate colors we can supply the large blossom varieties in the following:

PINK RED BLUE LAVENDER WHITE

Sweet Pea Culture

Preparation Soil. Prepare a trench 2 feet deep and at least 1½ feet wide. Fill in with a mixture of rich loam and well rotted barnyard manure or 5 lbs. of sheep manure and 1½ lbs. of bone meal for each 8 feet of row. Cover with 6 inches of good soil. The manure should be worked in deep down and carefully mixed through the soil at bottom of trench.

Planting. Should be done the first day the soil is dry enough to work without becoming sticky. Sweet Peas require a long period of slow growth under cool conditions which are necessary for good root formation.

Make a furrow in the center of trench 6 inches wide and 3 deep. Sow the seed in this furrow in two rows, 4 inches apart and 2 inches apart in row. Cover with about an inch of fine soil and tamp down firmly. If soil is damp and heavy tamp more lightly than if dry and loose. After tamping, rake another inch of soil over seed. Do not cover seed more than 2 inches deep altogether.

Cultivation. When vines are 5 inches high, fill up the 4 inches between the rows with fine soil, drawing the soil to each side, covering the vines to within an inch of their tops. Do not cover up the vines entirely. Straighten any crooked plants and remove weeds. After the vines have grown another 5 inches repeat the operation; at this time hoe up the soil outside the rows to a level with the soil around the vines, so that what was originally a trench becomes a ridge. Support the plants with brush or wire, keep the roots well watered and blossoms picked and you will enjoy your Sweet Peas until late in the season.





Makes A Beautiful Lawn Of Fine Texture And Brilliant Color

A smooth, velvety lawn surrounding a home adds not only to its value, but enhances its enjoyment.

The most important thing to consider in selecting seed for lawn grass is to obtain a proper mixture of several varieties. Each variety is at its best during a certain part of the season. By properly choosing early, medium and late grasses, a smooth, even, green lawn is assured from early Spring to late Autumn. A given area can support only so many grass plants of one kind for they absorb the same sort of food, but if several varieties are sown, the same area will support many more plants, as different sorts live on various elements in the soil. This will give a much thicker and more luxuriant turf all over the lawn. In Sterling Lawn Seed are included the best varieties—pure, clean and free from foul seed. It is very quick in growth, being ready for mowing in from six to eight weeks from the time the seed is sown. From early Spring until late in the Fall, lawns sown with Sterling Lawn Seed remain green and fresh. Not only is it suitable for making new lawns, but it is equally valuable for quickly renewing old, worn-out areas. In making a new lawn one pound will sow 350 square feet.